#1136615093 Id: 88065137

TN
859
.C64
R564
no. 4
Sect 2.0
1975
v. 2

2.2 METEOROLOGY

According to the environmental lease stipulation, the . . . "Lessee shall establish a meteorological station in reasonable proximity to each proposed plant site to monitor, at least 95% of the time over each lease year during which monitoring is required, wind direction and speed (vane and anemometer) at three levels, one at least 100 feet above the surface of the plant site, one at approximately 30 feet above the surface of the plant site, and one at an intermediate level, and temperature at two levels, one at least 100 feet above the surface of the plant site, and one at approximately 30 feet above the surface of the plant site, and humidity at one level. The Lessee shall maintain records of all baseline data collection and monitoring programs."

The above describes the minimum meteorological monitoring at the proposed plant site. The RBOSP has met these minimum requirements.

The RBOSP meteorological data acquisition system is integrated into the network described in Section 2.1. It includes instrument towers at Sites 1, 2, 3, and 4. Data transmission from the remote sites and recording methods are similar to those utilized in the air quality studies, i.e., hard copy reports are provided hourly, and continuous analog records are made for each parameter.

The Central Station is located at Site 1, which has a 60-m meteorological tower. Wind speed, wind direction, air temperature and relative humidity are measured at the 10-m level. Ambient temperature, wind speed, and wind direction are measured at the 30- and 60-m levels, and the temperature differences between the 10- and 60-m levels are recorded. Additionally, precipitation and solar radiation are monitored at ground level at Site 1.

All meteorological parameters are measured continuously. The data are averaged during the last 15 minutes of each hour and entered into the computer file.

The following parameters are not part of the automatic data acquisition system, but are monitored routinely or seasonally at Site 1:

- Evaporation rate
- Snow depth and water content
- Particulates
- Visibility

At each of remote sites 2, 3, and 4 there is a 10-m meteorological tower. Wind speed, wind direction, and ambient air temperature are measured at the 10-m level.

A seasonal upper air study measuring winds and temperatures to an elevation of 13,000 feet above MSL is scheduled over Tract C-a for the first five quarters of the program. These studies, performed by manually tracking pilot balloons with a theodolite and aircraft-mounted temperature sensors, provide basic information on the mean mixing layer height above Tract C-a.

Tracer diffusion studies designed to track dispersion of the tracer material in the lower atmosphere to evaluate modeling predictions and lead to a better understanding of terrain effects will be conducted. Ambient noise level measurements will also be taken.

All the data obtained are used to define the baseline atmospheric conditions and for application in the appropriate diffusion models used to predict the effects of shale oil operations on ambient air quality.

The baseline meteorological program is established at two lower atmospheric levels, referred to in this report as lower air studies and upper air studies. The lower air studies include data obtained at the four station networks; the upper air studies involve obtaining data on the winds aloft and vertical temperature profiles. Upper air studies are performed on a seasonal basis. Tracer studies are performed during the baseline study period concurrently with upper air wind and temperature samplings. Studies which provide useful information, but do not fall into these categories are: precipitation, evaporation, solar radiation, noise, and visibility (discussed under Miscellaneous, Section 2.2.3).

2.2.1 Lower Air Studies

Lower air studies refer to the meteorological data acquired from the four station ground networks and include wind speed, direction, and temperature at 10 m above the surface at all four monitoring sites. Relative humidity at 10 m, wind speed, wind direction, and air temperature at 30 and 60 m above the surface at the main monitoring site are also included.

2.2.1.1 Objectives

The objectives in measuring meteorological parameters in the lower atmosphere are: a) to supply site and area specific baseline data which may also be used for necessary ecological modeling, and b) to supply data necessary for mathematical diffusion modeling to predict air quality impact. These data and knowledge of key shale oil operations emission factors allow calculation of expected pollutant concentrations.

2.2.1.2 Methods

No change has occurred since Progress Report 3. See section 2.2.1.2 in Progress Report 2 for specific methods used in the meteorological lower air studies.

2.2.1.3 Results

The 1975 summer season and monthly summaries of the minimum, maximum, and mean values of the meteorological parameters measured at each site are presented in Tables 2.2-1 through 2.2-4. The composite hour is the mean of the data taken during a particular hour of the day for all days of the month. A composite day defines the minimum, maximum, and mean values for 24 composite hours of a month. The minimum and maximum listed are the individual hourly averages which are greater than or less than all other hourly averages.

Summaries for each hour of the day (composite day summaries) for all meteorological parameters are presented in Appendix B, Section B.2.

2.2.1.3.1 Wind Data

Wind at Sites 1 and 2 (10-m level) were predominantly from the southwest during summer 1975. The mean wind speeds were 7.58 and 9.06 mph, respectively. Although Sites 1 and 2 are at about the

same elevation (7,400 feet above MSL) the local terrain at Site 2 is relatively flatter than at Site 1. The Site 2 monitoring location is the highest point within a radius of approximately 1 km. The 10-m level of the main meteorological tower at Site 1 is approximately 50 m lower than the elevation of several knolls within several hundred meters. The increased terrain influence at Site 1 is probably responsible for the lower mean wind speed.

Mean wind speeds at Sites 3 and 4 for the summer 1975 period were 7.10 and 6.20 mph, respectively. Sites 3 and 4, below plateau levels, are situated in the approximate centers of Corral Gulch and Yellow Creek Gulch at elevations of 6,570 and 6,280 feet above MSL. Corral Gulch runs in a west to east direction. Yellow Creek Gulch runs in a south-southwest to north-northwest direction.

The diurnal variation of mean wind speed is shown in Figures 2.2-1 to 2.2-6 for each site. Mean wind speeds average 4 to 7 mph higher during daytime hours with Sites 3 and 4 showing the larger variation. This is probably due to valley locations for those sites and to a larger temperature diurnal variation. The 60-m level has about a 7-mph higher wind speed during the day than at night. During June, there was a double peak for the 60-m mean wind speed, one occurring from 0000 to 0300 and one during the daylight hours. The daytime maximum mean was about 6 mph greater than the nighttime peak. The minimum mean, occurring around 0700, was about 9 mph less than the peak occurring at 1300.

The wind direction sigma, diurnal variation, at the 10-m level, Site 1 is shown in Figure 2.2-7. The peak on the maximum wind direction sigma curve, about 59 degrees, is one isolated occurrence. No explanation for this point can be made except it can only be associated with highly variable wind conditions.

Wind rose data for summer 1975 are presented for all four monitoring stations in Figures 2.2-8 through 2.2-13. The monthly wind rose figures are presented in Appendix B, Section B.4. The percent of occurrence of each wind class can be obtained from the number scale on each wind rose plot or from the wind rose data summaries in Section B.3.

Wind rose data (10-m level) from Sites 1 and 2 are comparable. The reduced frequency of occurrence of southwest winds relative to south-southwest and west-southwest winds is probably caused by the influence from a small knoll about 200 m southwest of Site 1. Extreme terrain-induced wind channeling effects exist at Sites 3 and 4. Winds at Site 3 are predominantly from the west, which is in agreement with the westerly course of Corral Gulch. The predominant winds at Site 4 are from the south-southwest, corresponding

to the orientation of Stake Springs Draw and Yellow Creek. In addition to the terrain-induced channeling of the gradient winds at Sites 3 and 4, valley drainage flows probably contribute significantly to the direction of winds.

The wind rose data (bivariate wind speed and wind direction distribution) for monitoring locations for June, July, and August are presented in Appendix B, Section B.5. A maximum calm percentage of 0.9% occurred at Site 4 during summer 1975. Minimums of 0.1% occurred at Sites 2 and 3.

A least squares fit to the mean seasonal wind speed as a function of height at the 60-m tower (Site 1) was done to investigate the applicability of the logarithmic wind profiles:

$$\overline{u} = \frac{u_*}{K} \ln \left(\frac{Z}{Z_o}\right)$$

where Z_0 is the roughness parameter, K is the von Karman constant, and u_* is the friction velocity. The seasonal data fit the logarithmic wind profile to a high degree of confidence (coefficient of determination = r^2 - 0.98) with u_*/K = 1.42 mph and Z_0 = 5.3 cm. Z = height above ground (in meters).

2.2.1.3.2 Air Temperature Data

The minimum, maximum, and mean values of air temperature and temperature difference at Site 1 as a function of the hour of the day for each of the four sites for the summer season are plotted in Figures 2.2-14 through 2.2-18. These figures illustrate the composite day summaries given in Appendix B, Section B.2.

The valley sites (3 and 4) have a much larger diurnal temperature variation than the plateau sites (1 and 2). The intensity of the cold portion of the composite days at Sites 3 and 4, in relation to that at Sites 1 and 2, is much greater. This is probably because of cold air valley drainage flows. The composite day air temperature data for Sites 3 and 4 indicate that more cold air accumulates at Site 4 than at Site 3. The 200-foot elevation difference and the Stake Spring Draw air flow, as well as the Corral Gulch air flow draining into the Yellow Creek Gulch, contribute to this intensity difference.

Although there is a substantial difference in the diurnal variation among all sites, the average temperatures over each month and the season agree well (to within 1.42 C) between sites.

2.2.1.3.3 Atmospheric Stability

Atmospheric stability was determined from temperature difference measurements made between the 10-m and the 60-m level on the main meteorological tower at Site 1. Figure 2.2-19 presents the minimum, maximum, and mean composite day temperature differences as a function of the time of day for the summer season 1975. These data were compiled from the composite day summaries listed in Appendix B, Section B.2.

These data indicate that the mean-surface inversion is relatively weak (about a -0.61 C difference in temperature) during the interval from 2100 hours MST in the evening until 0600 hours MST the following morning. When the break-up of the mean surface inversion occurs, atmospheric stability becomes significantly unstable. The intensities of the most stable inversions are about the same as those of the most unstable conditions.

The percent of occurrence of the modified Pasquill stability categories for summer 1975 and associated mean wind speeds are presented in Table 2.2-5. Stability categories were calculated according to the following criteria:

Stability Index	Temperature change (C) with heights per 100 m
A	$\Delta T < -1.9$
B	$-1.9 \leq \Delta T < -1.7$
C	$-1.7 \leq \Delta T < -1.5$
D	$-1.5 \leq \Delta T < -0.5$
E	$-0.5 \leq \Delta T < 1.5$
F	$1.5 \leq \Delta T < 4.0$
G	$4.0 \leq \Delta T$

A complete listing of the trivariate joint frequency distributions between wind speed, wind direction, and atmospheric stability is presented in Appendix B, Section B.5. The wind speeds, as a function of stability category, show a definite relationship. Categories A and G have the highest average wind speeds and E has the lowest. The slightly stable Category E occurred on the average during nighttime hours with F and G occurring in early morning around 0600.

2.2.1.3.4 Relative Humidity

Figure 2.2-20 graphically presents the minimum, maximum, and mean composite day relative humidities as a function of hour of day for summer 1975. These figures were compiled from the composite day summaries listed in Appendix B, Section B.2. The relative humidity data were taken at the 10-m level at Site 1. There was a significant decrease (35% to 23%) in the average relative humidity at sunrise. The effect is probably due to the rapid surface heating of the air, although the transition period takes over 2 hours. The decrease may also arise from the increased thermally generated turbulent mixing caused by the reversal of the average lapse rate from slightly stable to slightly unstable and the increased surface temperature.

Table 2.2-1. Meteorological parameters, monthly summary for June 1975, RBOSP.

Parameter	Units	Minimum	Maximum	Mean
SITE 1				
Wind Speed (10 m)	mph	1.11	25.23	8.86
Wind Speed (30 m)	mph	0.81	30.04	10.57
Wind Speed (60 m)	mph	0.80	32.44	12.12
Wind Direction Sigma (10 m)	degrees	2.36	59.26	11.74
Air Temperature (10 m)	C	2.02	24.51	13.49
Air Temperature (30 m)	C	1.05	23.38	12.93
Temperature Difference (60 to 10 m)	C	-2.66	2.37	0.19
Relative Humidity (10 m)	%	10.21	86.72	31.35
SITE 2				
Wind Speed (10 m)	mph	1.14	35.53	10.15
Air Temperature (10 m)	C	1.47	24.46	13.03
SITE 3				
Wind Speed (10 m)	mph	0.96	29.90	7.67
Air Temperature (10 m)	C	-2.39	26.32	12.07
SITE 4				
Wind Speed (10 m)	mph	0.59	26.40	7.00
Air Temperature (10 m)	C	-2.97	29.18	13.22

Table 2.2-2. Meteorological parameters, monthly summary for July 1975, RBOSP.

Parameter	Units	Minimum	Maximum	Mean
		SITE 1		
Wind Speed (10 m)	mph	0.80	18.95	6.17
Wind Speed (30 m)	mph	0.85	23.14	7.05
Wind Speed (60 m)	mph	0.56	25.45	8.02
Wind Direction Sigma (10 m)	degrees	0.01	30.69	13.30
Air Temperature (10 m)	C	5.73	28.24	19.47
Air Temperature (30 m)	C	9.49	27.00	19.19
Temperature Difference (60 to 10 m)	C	-3.65	3.08	0.16
Relative Humidity (10 m)	%	10.14	84.21	24.81
		SITE 2		
Wind Speed (10 m)	mph	0.62	22.15	7.01
Air Temperature (10 m)	C	9.50	27.47	19.20
		SITE 3		
Wind Speed (10 m)	mph	1.22	17.32	6.12
Air Temperature (10 m)	C	5.81	28.97	17.92
		SITE 4		
Wind Speed (10 m)	mph	0.72	19.46	5.21
Air Temperature (10 m)	C	2.67	33.14	19.69

Table 2.2-3. Meteorological parameters, monthly summary for August 1975, RBOSP.

Parameter	Units	Minimum	Maximum	Mean
SITE 1				
Wind Speed (10 m)	mph	0.70	30.79	7.60
Wind Speed (30 m)	mph	0.57	37.05	8.73
Wind Speed (60 m)	mph	0.58	41.05	10.06
Wind Direction Sigma (10 m)	degrees	0.71	31.12	11.39
Air Temperature (10 m)	C	1.40	30.07	18.51
Air Temperature (30 m)	C	7.74	26.78	18.06
Temperature Difference (60 to 10 m)	C	-4.69	4.74	0.09
Relative Humidity (10 m)	%	10.00	81.36	21.32
SITE 2				
Wind Speed (10 m)	mph	0.86	36.70	9.71
Air Temperature (10 m)	C	8.20	26.97	18.06
SITE 3				
Wind Speed (10 m)	mph	1.02	23.52	7.36
Air Temperature (10 m)	C	3.47	28.76	16.30
SITE 4				
Wind Speed (10 m)	mph	0.65	31.23	6.22
Air Temperature (10 m)	C	-0.53	32.15	17.37

Table 2.2-4. Meteorological parameters seasonal summary for Summer 1975, RBOSP.

Parameter	Units	Minimum	Maximum	Mean
		SITE 1		
Wind Speed (10 m)	mph	0.70	30.79	7.58
Wind Speed (30 m)	mph	0.57	37.05	8.85
Wind Speed (60 m)	mph	0.56	41.05	10.19
Wind Direction Sigma (10 m)	degrees	0.01	59.26	12.17
Air Temperature (10 m)	C	1.40	30.07	17.29
Air Temperature (30 m)	C	1.05	27.00	16.85
Temperature Difference (60 to 10 m)	C	-4.69	4.74	0.14
Relative Humidity (10 m)	%	10.00	86.72	25.52
		SITE 2		
Wind Speed (10 m)	mph	0.62	36.70	9.06
Air Temperature (10 m)	C	1.47	27.47	16.86
		SITE 3		
Wind Speed (10 m)	mph	0.96	29.90	7.10
Air Temperature (10 m)	C	-2.39	28.97	15.50
		SITE 4		
Wind Speed (10 m)	mph	0.59	31.23	6.20
Air Temperature (10 m)	C	-2.97	33.14	16.82

Table 2.2-5. Percent of occurrence of the Pasquill stability classes at Site 1. Stability category determined from the temperature difference between the 10- and 60-m levels during the Summer 1975, RBOSP.

Stability Classification	Pasquill Categories	Temperature Change with Height (C/100 m)	Percent of Occurrence	Mean Wind Speed (mph)
Extremely Unstable	A	Less than -1.9	18.38	10.26
Moderately Unstable	B	-1.9 to -1.7	6.72	8.98
Slightly Unstable	C	-1.7 to -1.5	6.11	8.05
Neutral	D	-1.5 to -0.5	18.19	7.84
Slightly Stable	E	-0.5 to 1.5	35.54	5.60
Moderately Stable	F	1.5 to 4.0	13.20	7.59
Extremely Stable	G	Greater than 4.0	1.87	9.09

SOURCE: David H. Slade, Editor, Meteorology and Atomic Energy Nat. Tech. Serv. TID-24190, pp. 102-103, 1971.

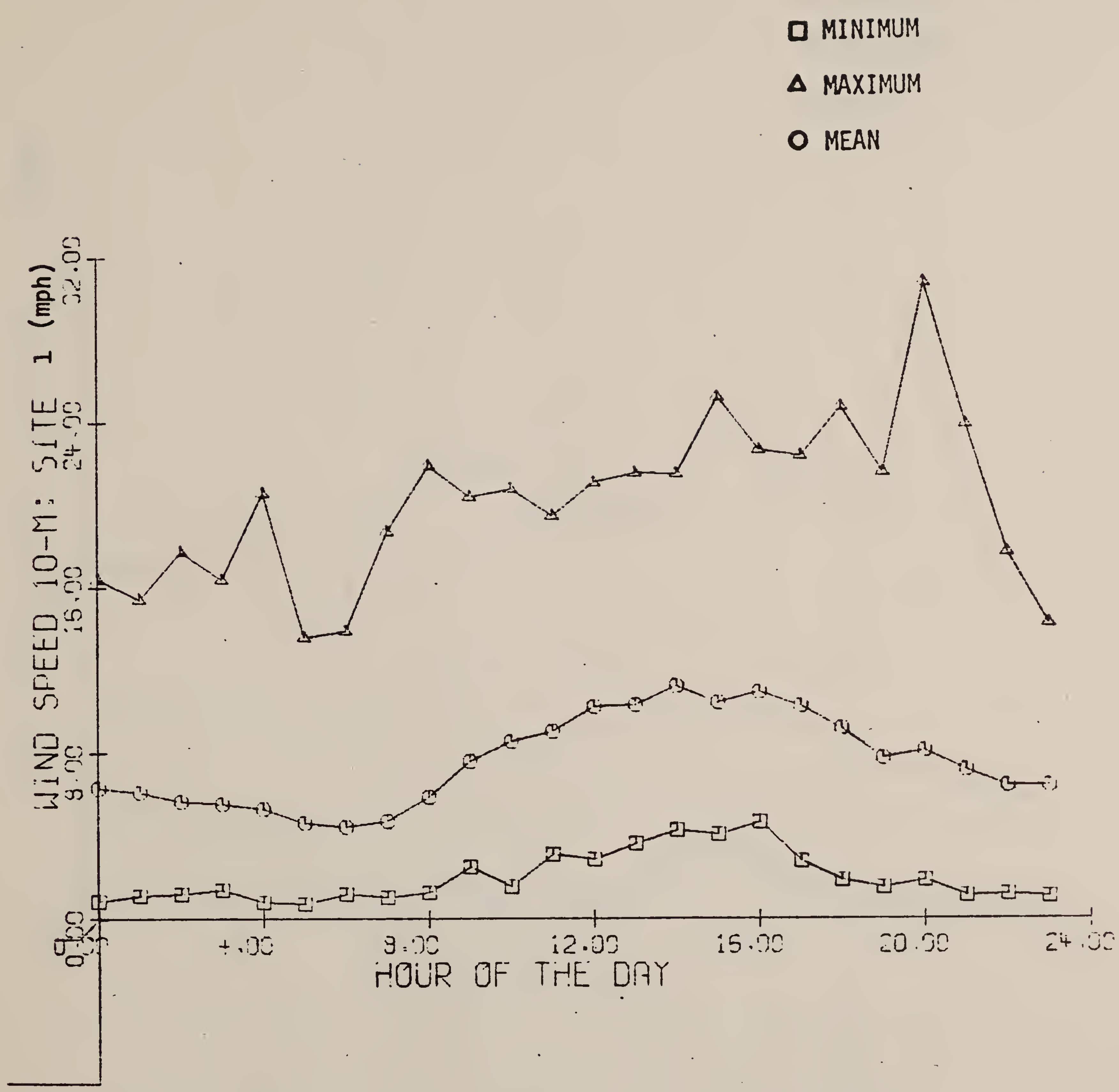


Figure 2.2-1. Wind speed, 10-m level (minimum, maximum, and mean by hour of the day) for Summer 1975 at Site 1, RBOSP.

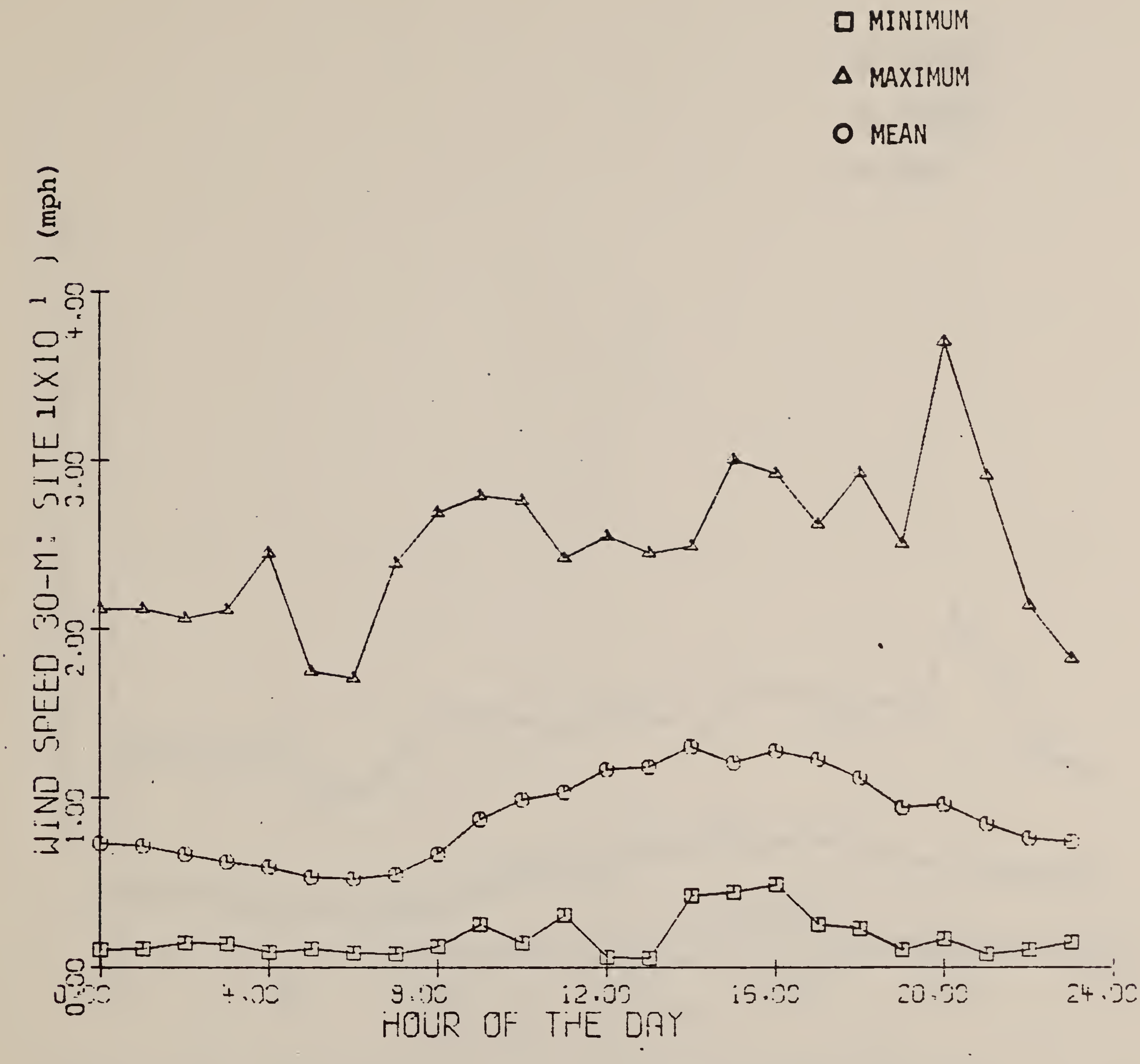


Figure 2.2-2. Wind speed, 30-m level (minimum, maximum, and mean by hour of the day) for Summer 1975 at Site 1, RBOSP.

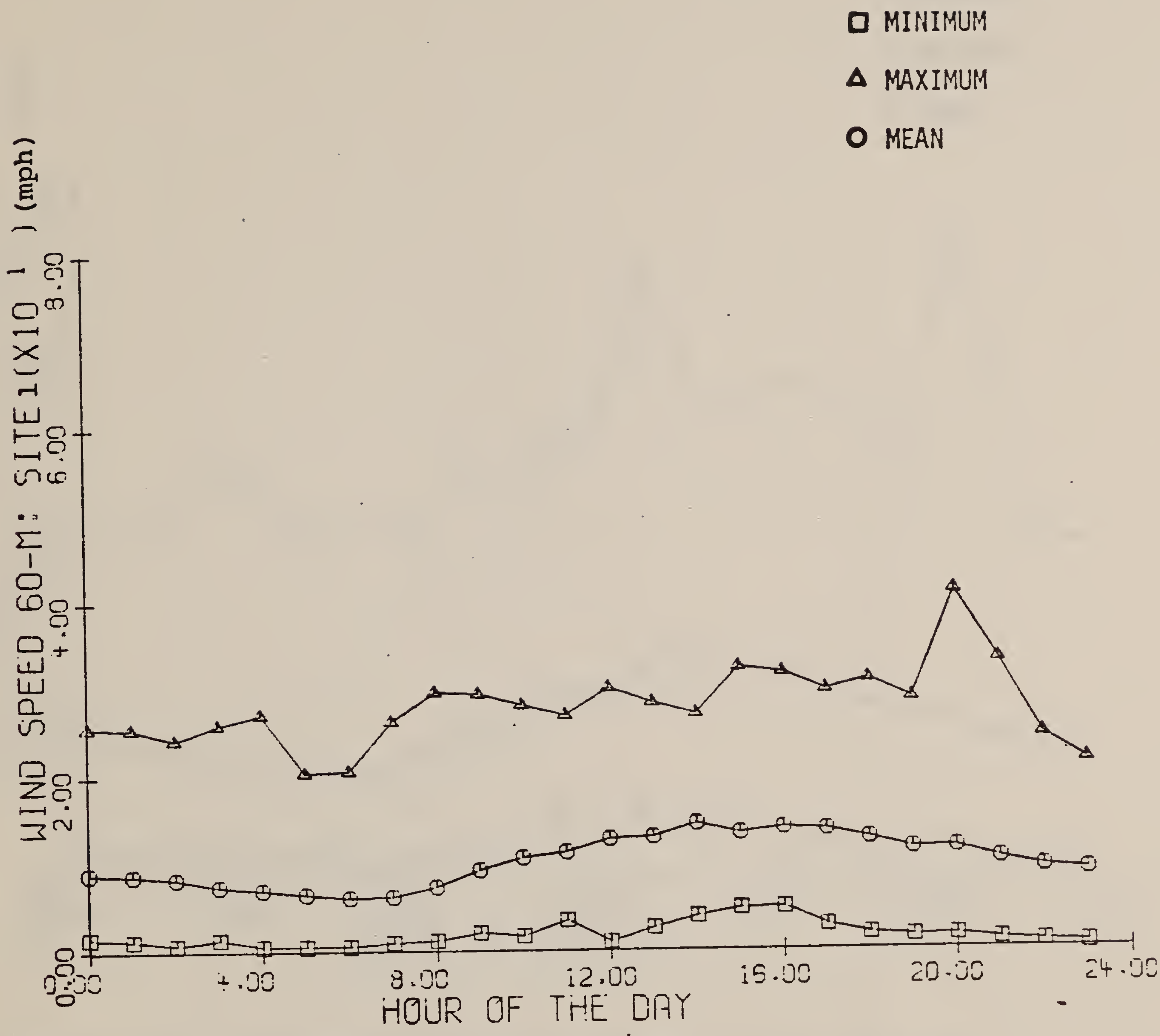


Figure 2.2-3. Wind speed, 60-m level (minimum, maximum, and mean by hour of the day) for Summer 1975 at Site 1, RBOSP.

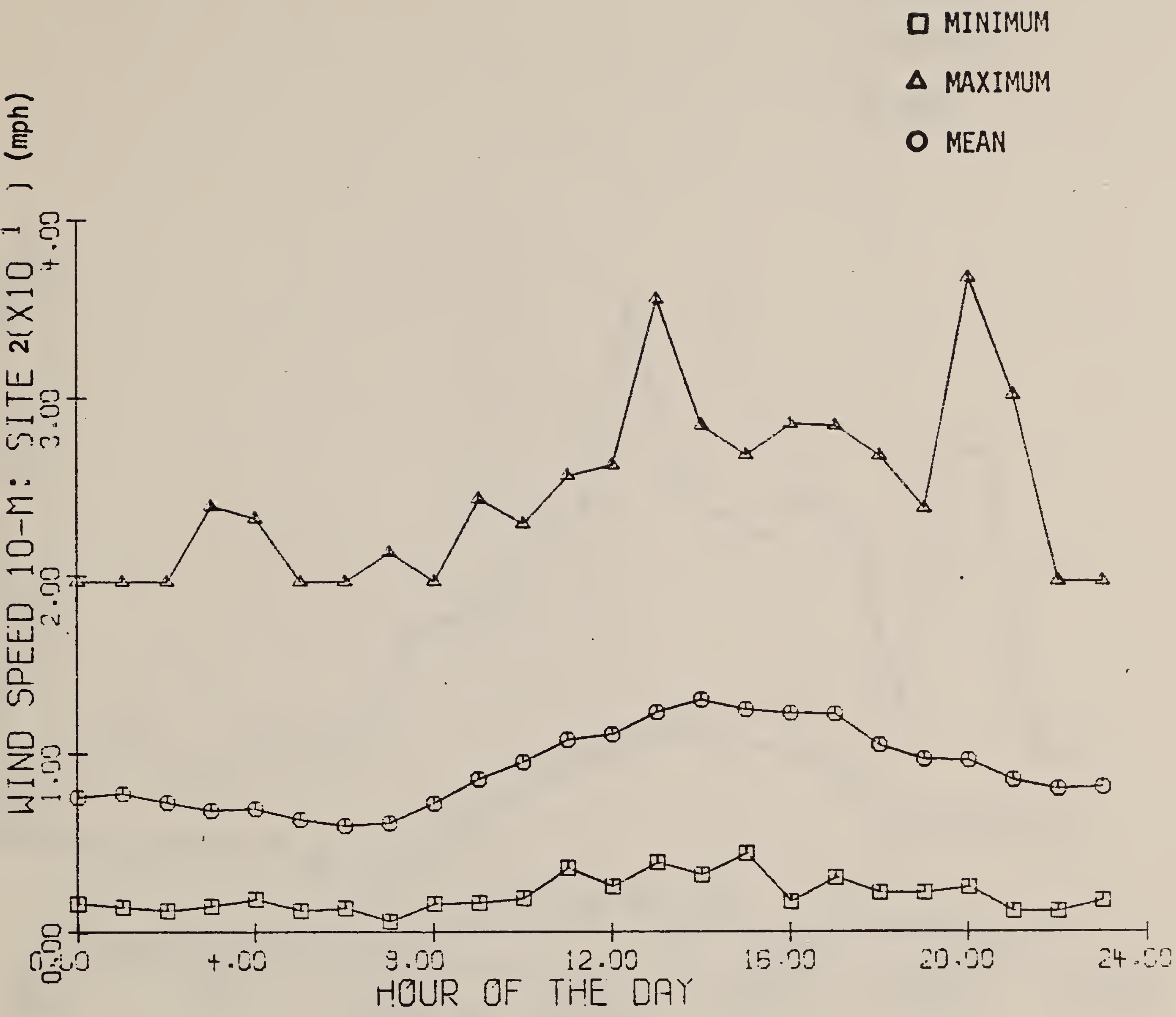


Figure 2.2-4. Wind speed, 10-m level (minimum, maximum, and mean by hour of the day) for Summer 1975 at Site 2, RBOSP.

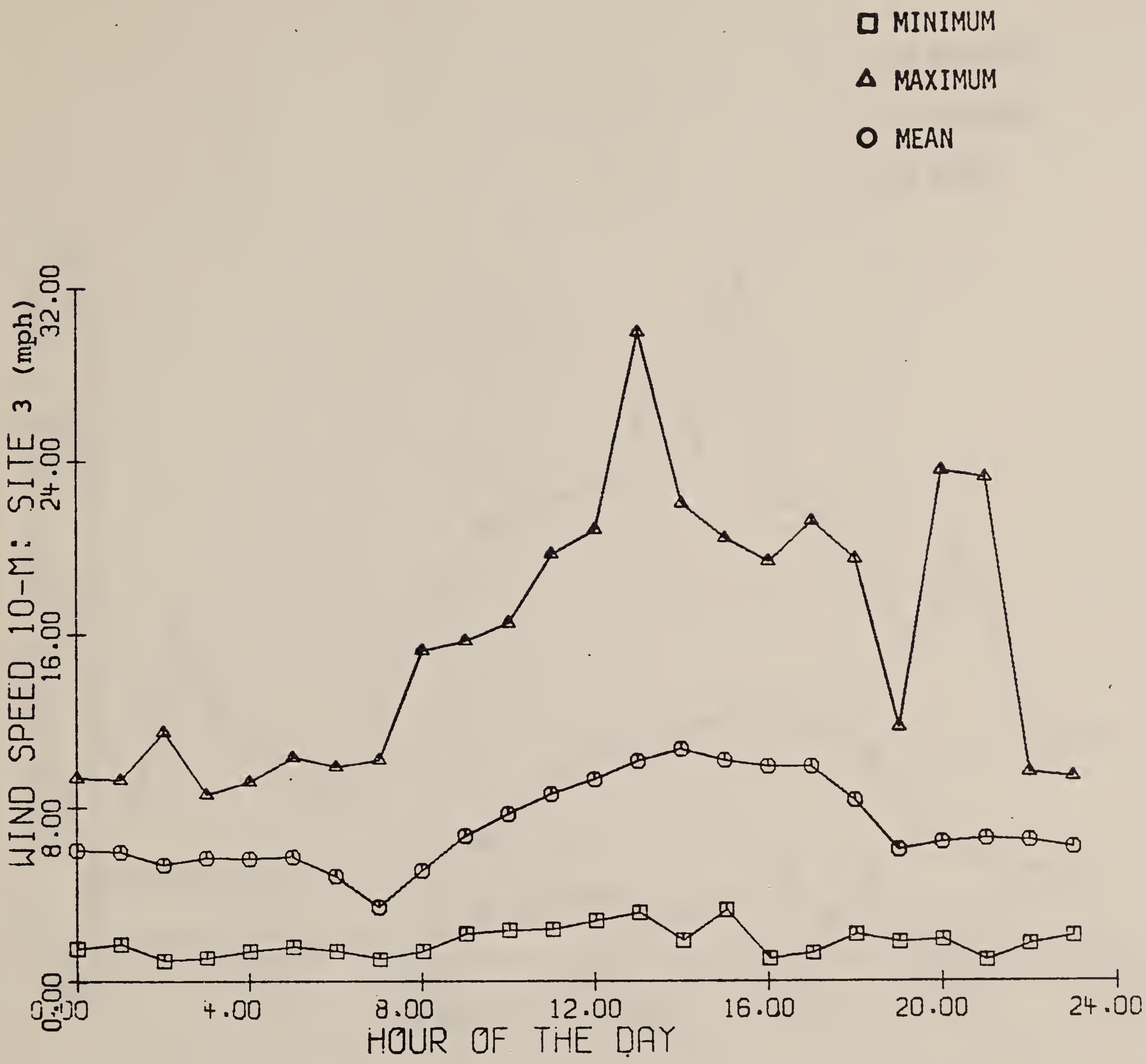


Figure 2.2-5. Wind speed, 10-m level (minimum, maximum, and mean by hour of the day) for Summer 1975 at Site 3, RBOSP.

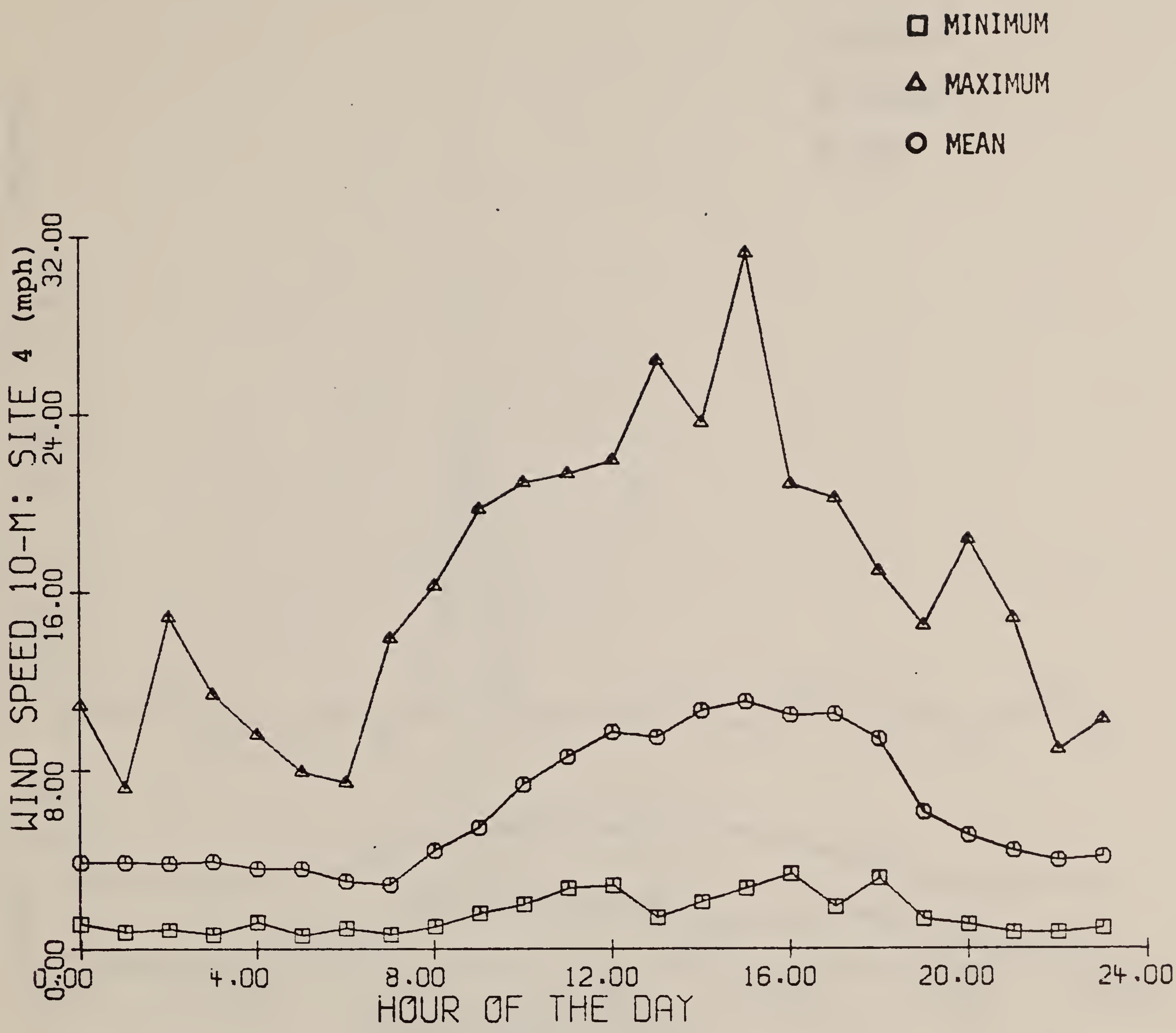


Figure 2.2-6. Wind speed, 10-m level (minimum, maximum, and mean by hour of the day) for Summer 1975 at Site 4, RBOSP.

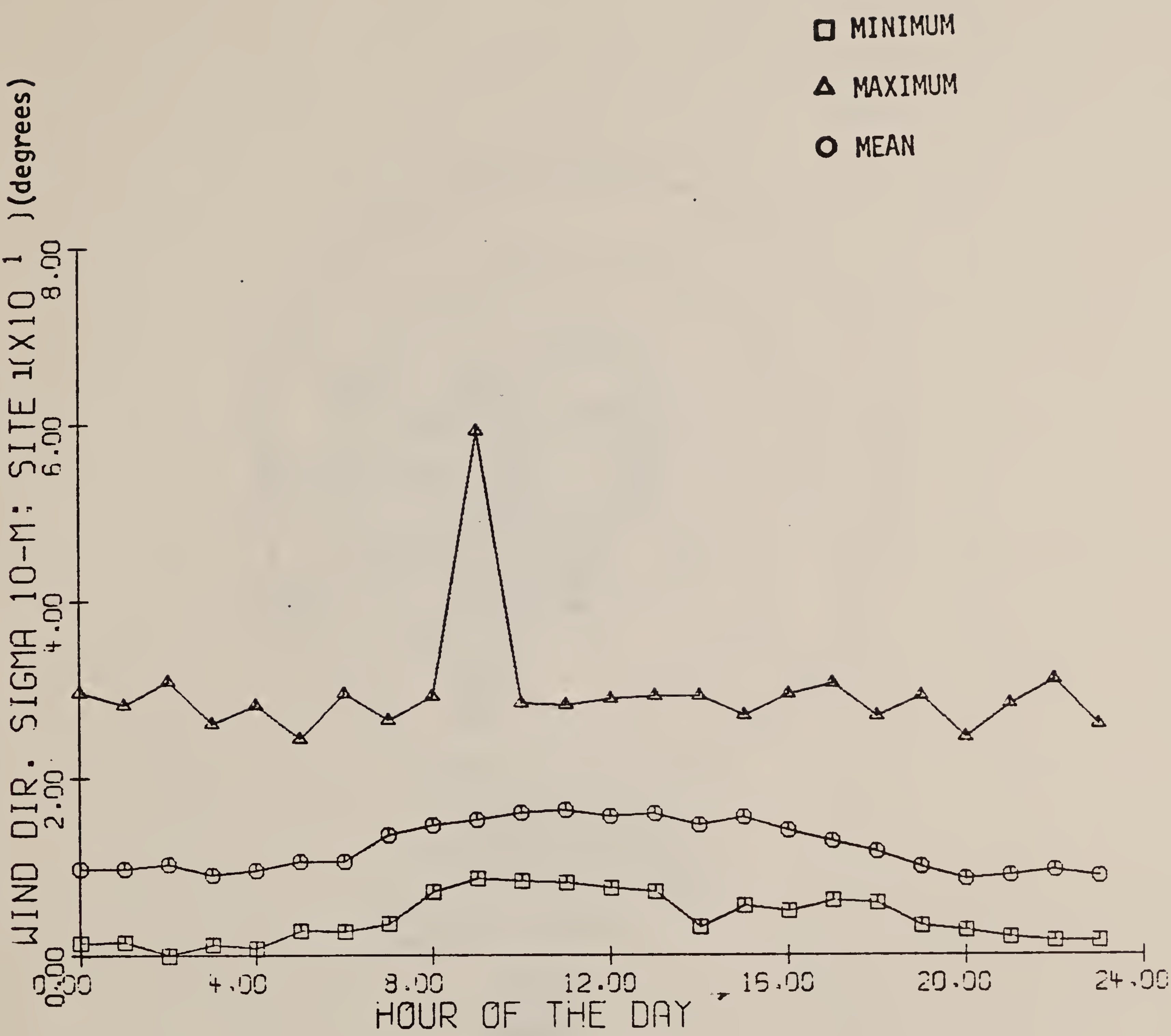
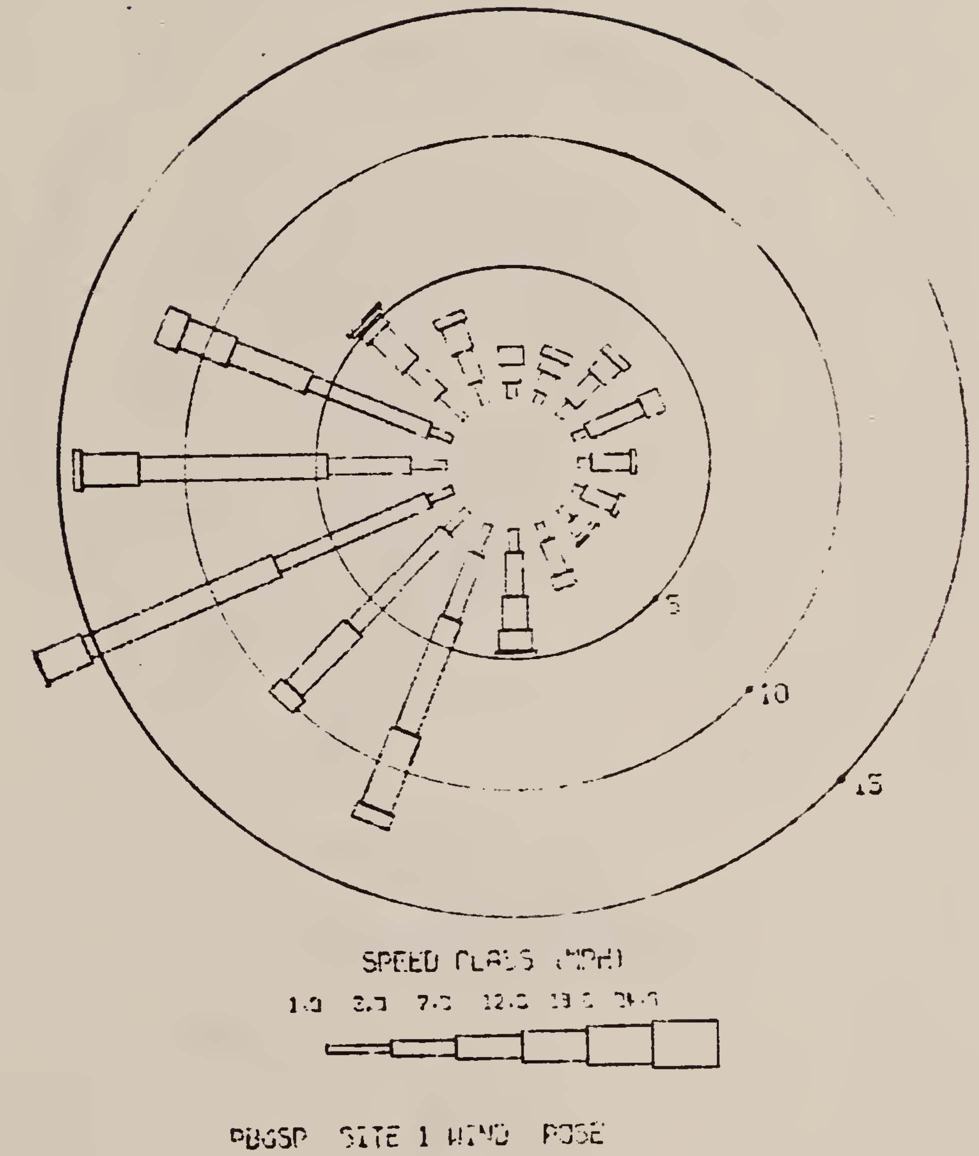
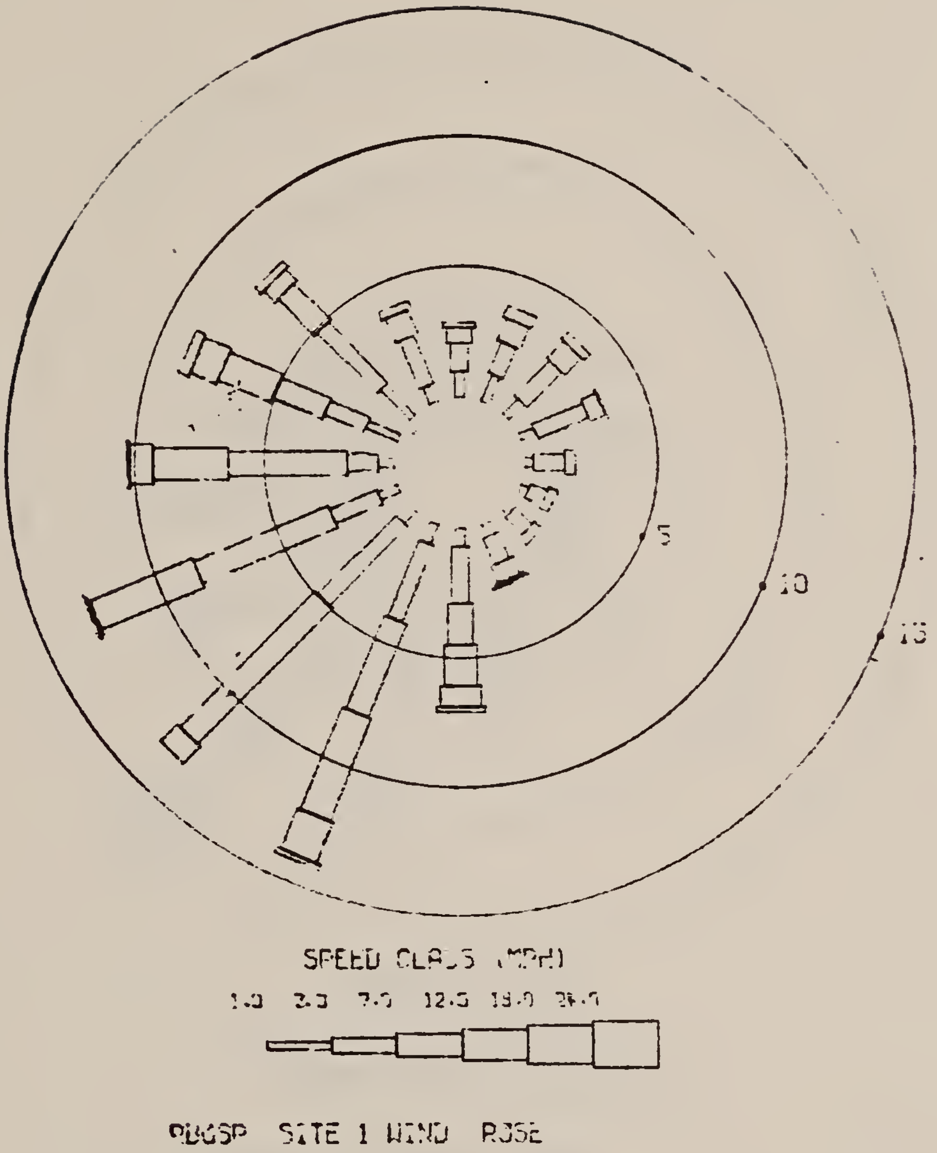


Figure 2.2-7. Wind direction sigma, 10-m level (minimum, maximum, and mean by hour of the day) for Summer 1975 at Site 1, RBOSP.



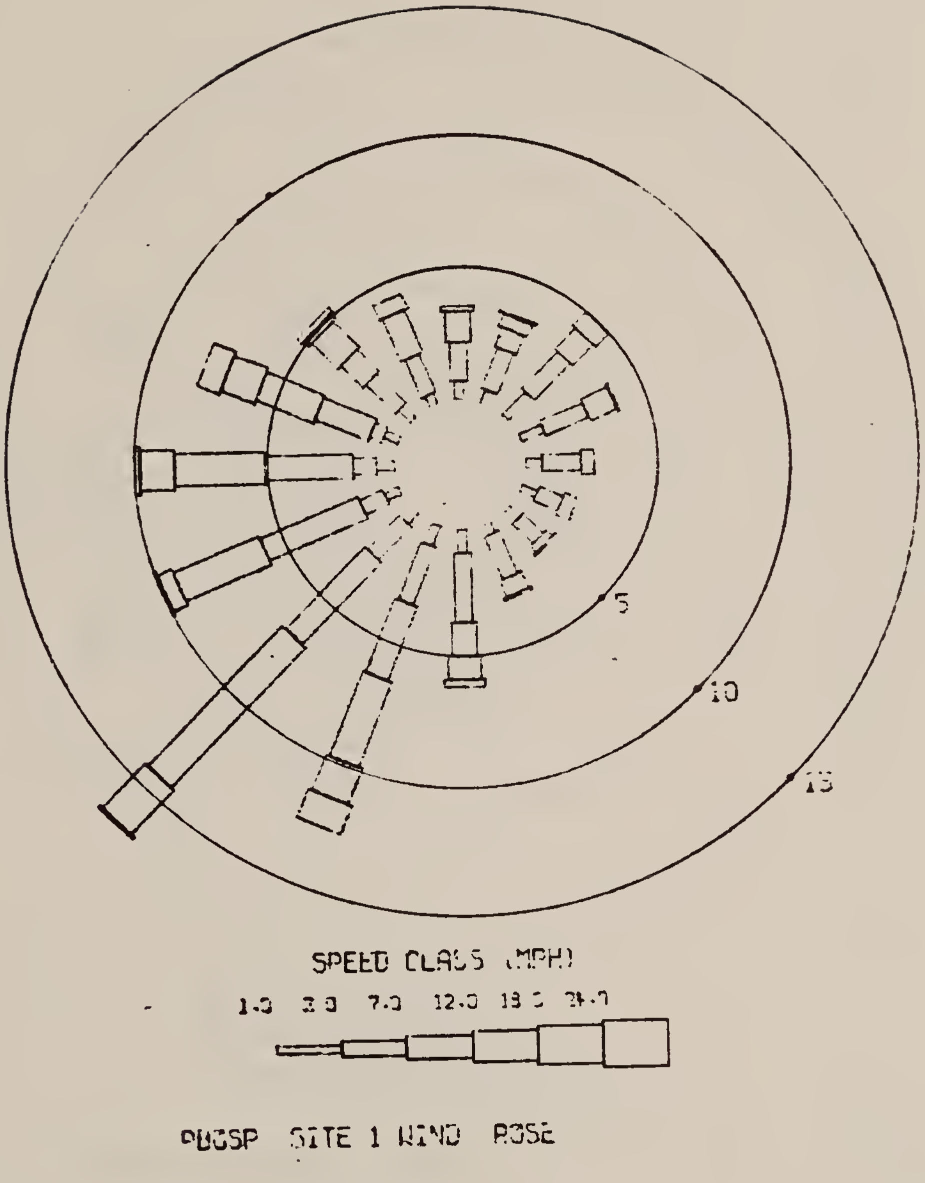
10 m
Summer

Figure 2.2-8. Summer 1975 wind rose from the 10-m level at Site 1, RBOSP.



30 m
Summer

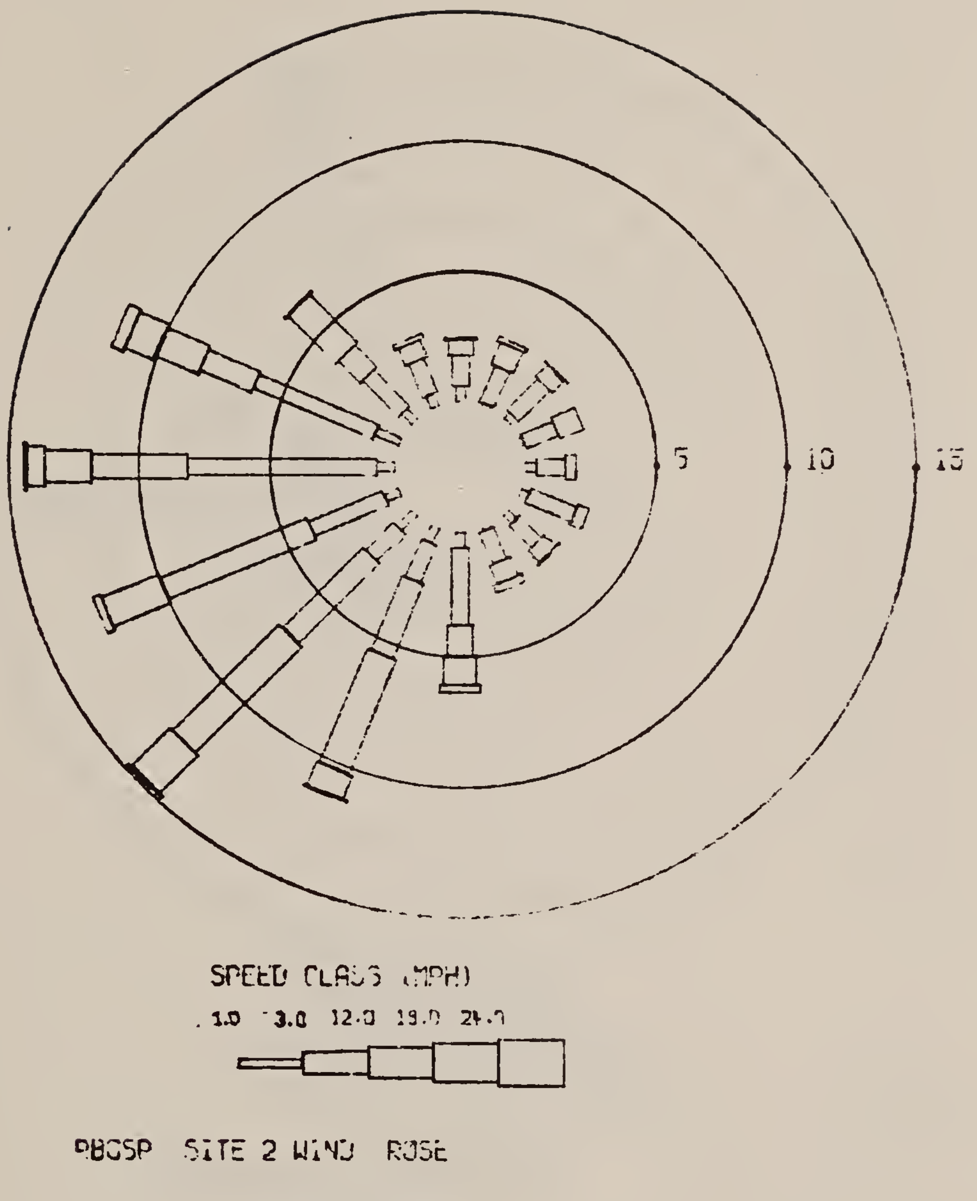
Figure 2.2-9. Summer 1975 wind rose from the 30-m level at Site 1, RBOSP.



60 m

Summer

Figure 2.2-10. Summer 1975 wind rose from the 60-m level at Site 1, RBOSP.



Summer

Figure 2.2-11. Summer 1975 wind rose from the 10-m level at Site 2, RBOSP.

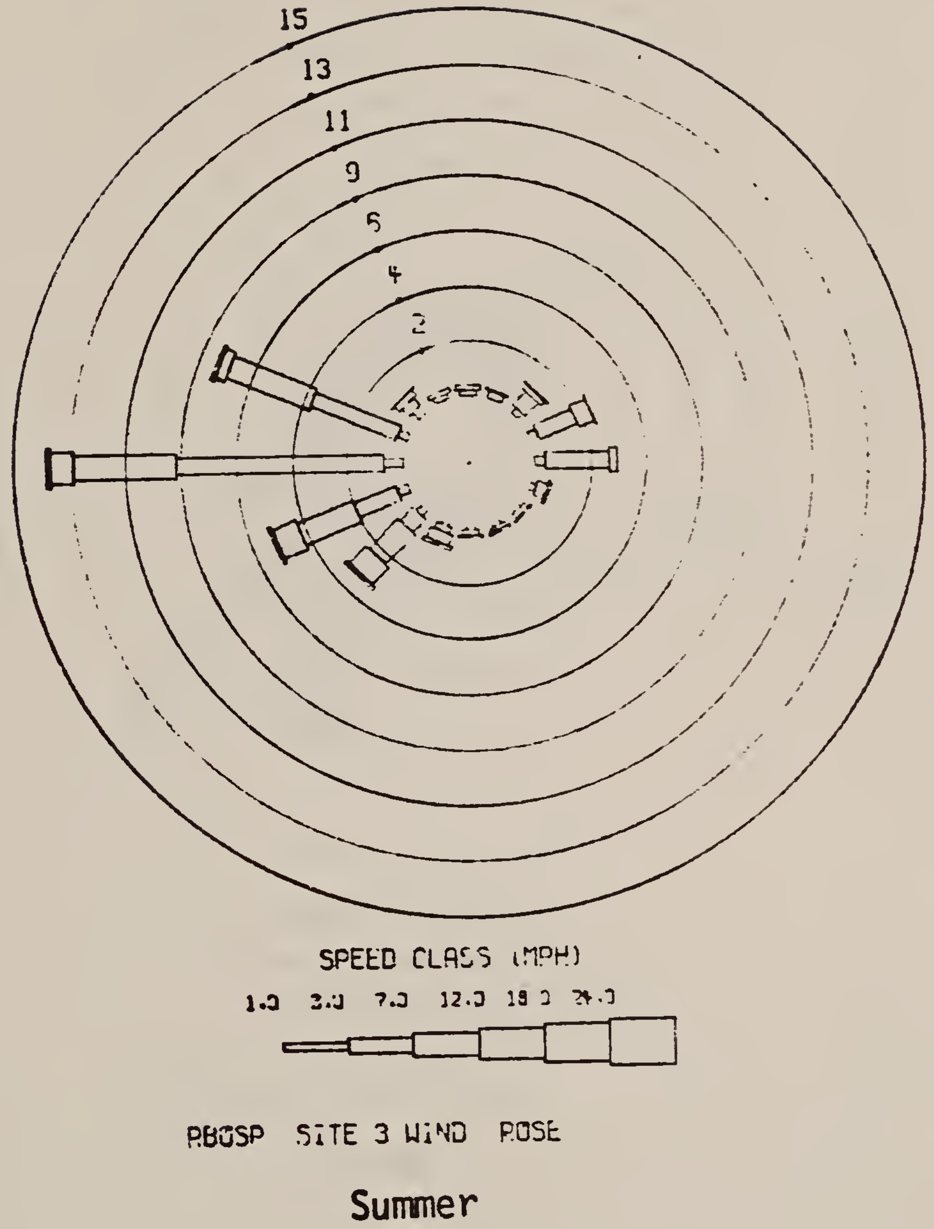
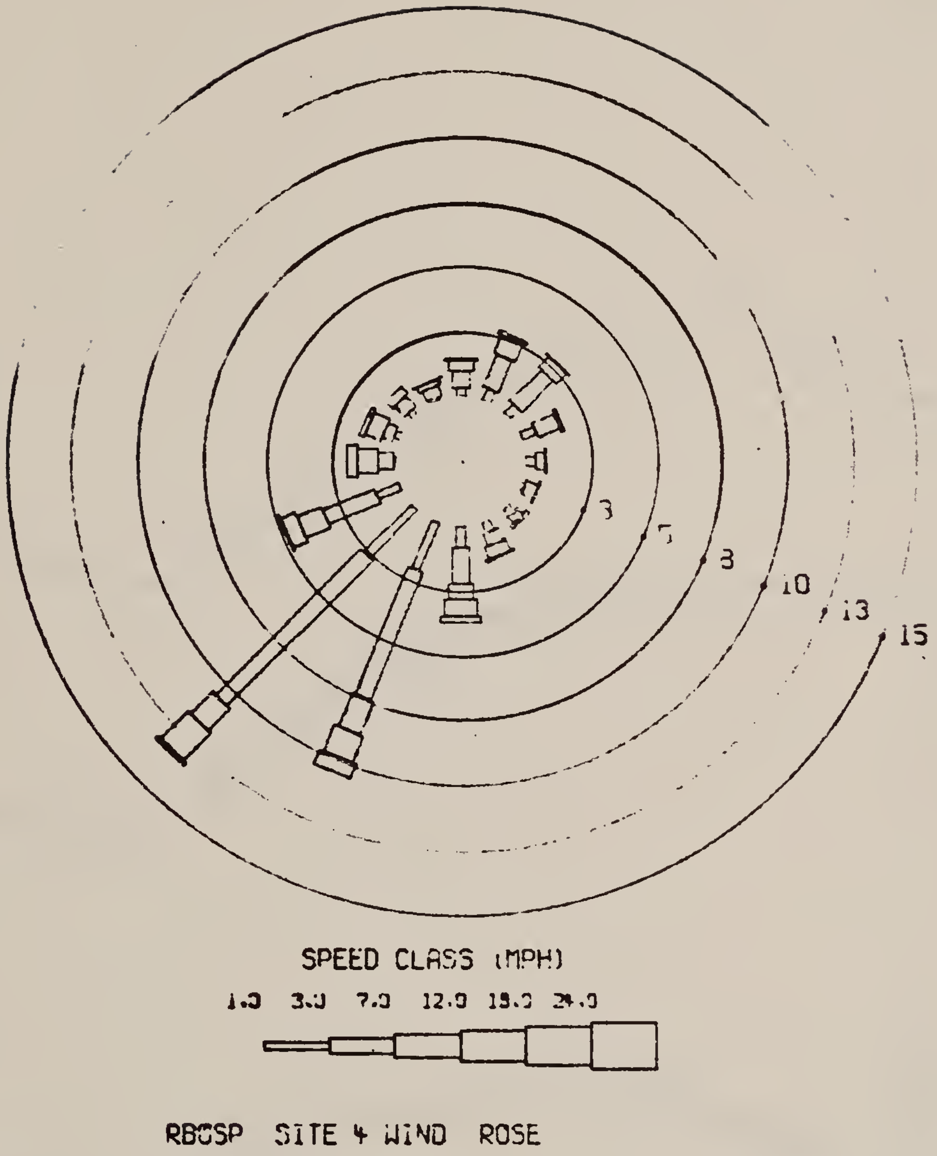


Figure 2.2-12. Summer 1975 wind rose from the 10-m level at Site 3, RBOSP.



Summer

Figure 2.2-13. Summer 1975 wind rose from the 10-m level at Site 4, RBOSP.

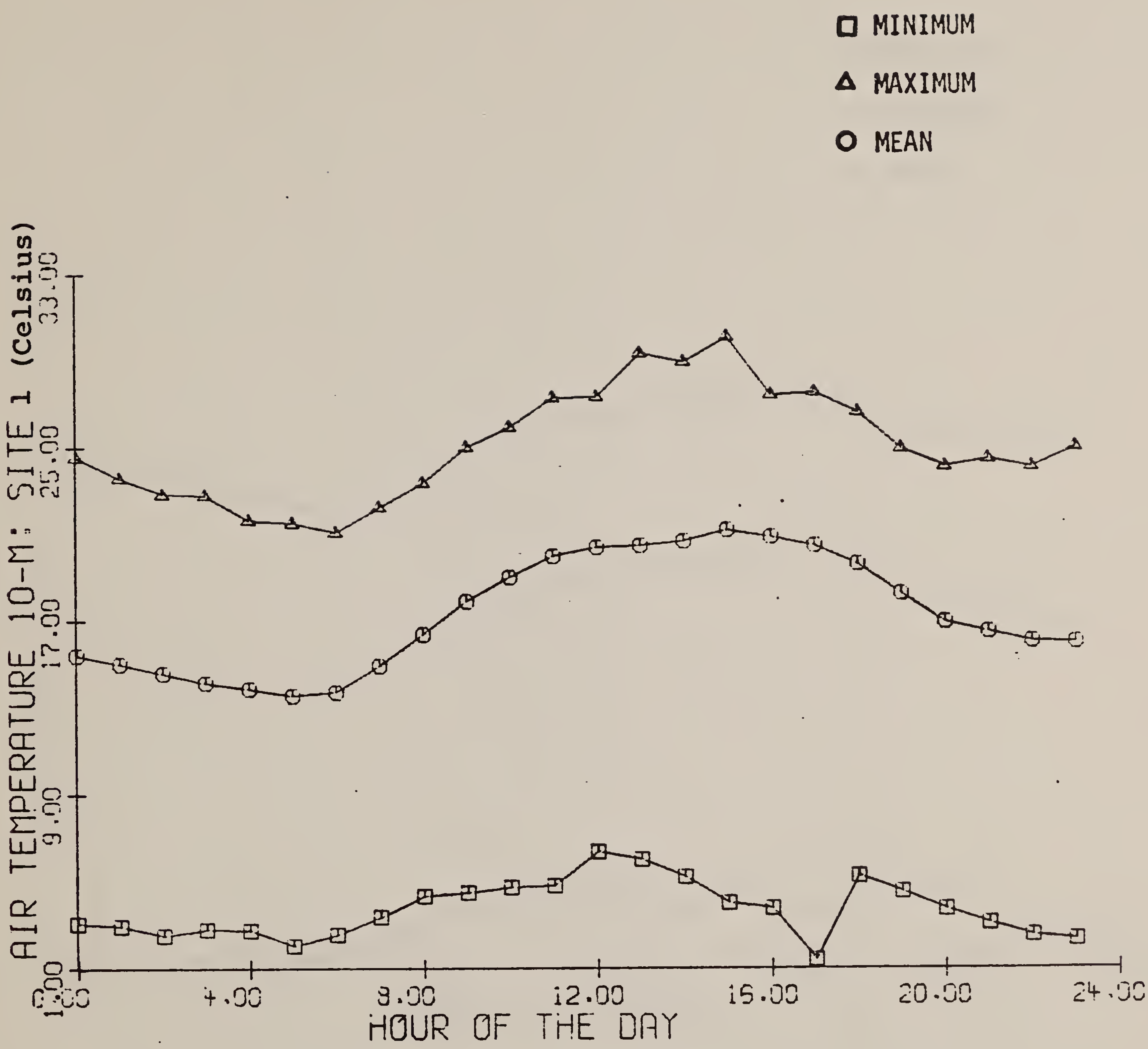


Figure 2.2-14. Air temperature, 10-m level (minimum, maximum, and mean by hour of the day) for Summer 1975 at Site 1, RBOSP.

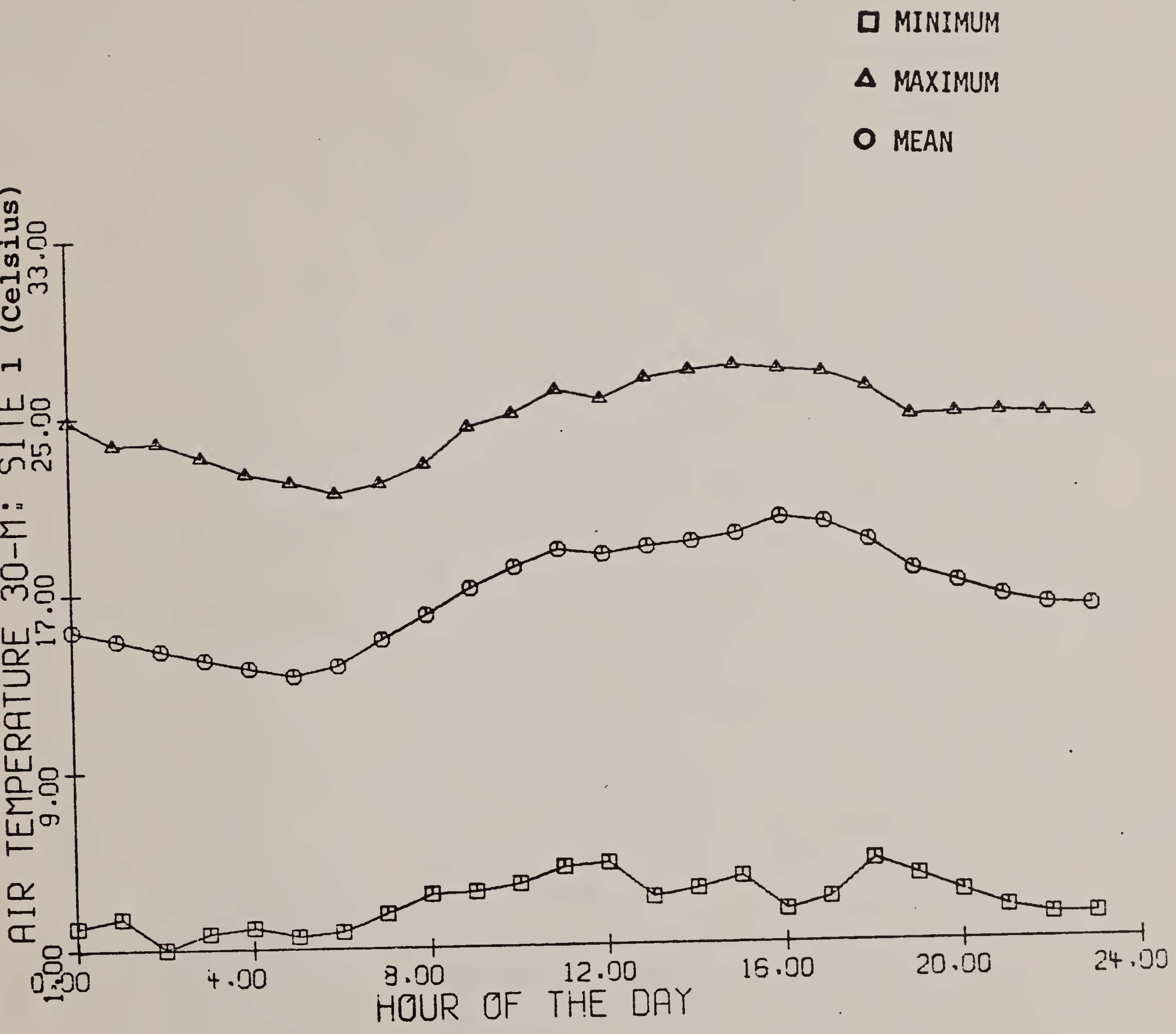


Figure 2.2-15. Air temperature, 30-m level (minimum, maximum, and mean by hour of the day) for Summer 1975 at Site 1, RBOSP.

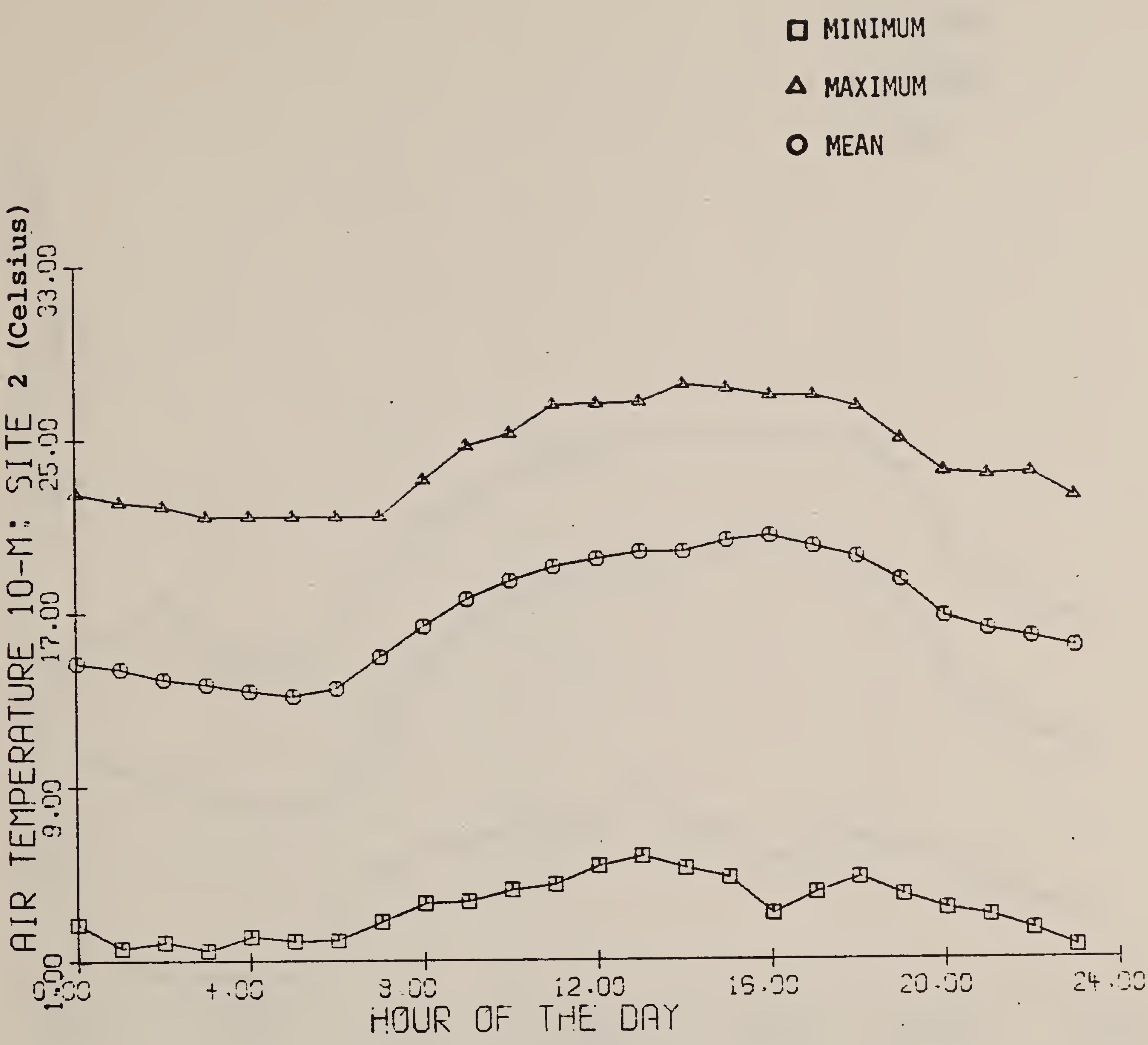


Figure 2.2-16. Air temperature (minimum, maximum, and mean by hour of the day) for Summer 1975 at Site 2, RBOSP.

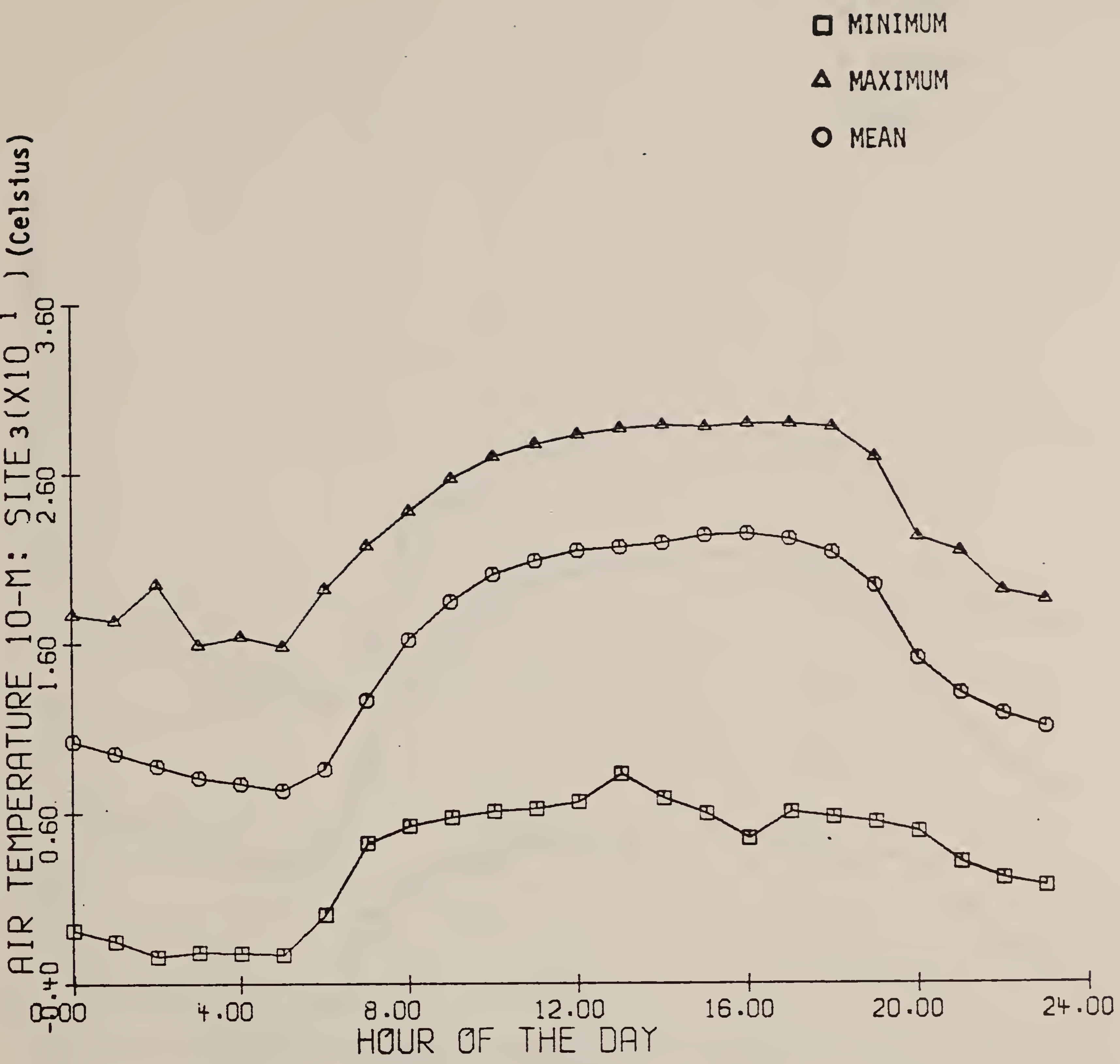


Figure 2.2-17. Air temperature (minimum, maximum, and mean by hour of the day) for Summer 1975 at Site 3, RBOSP.

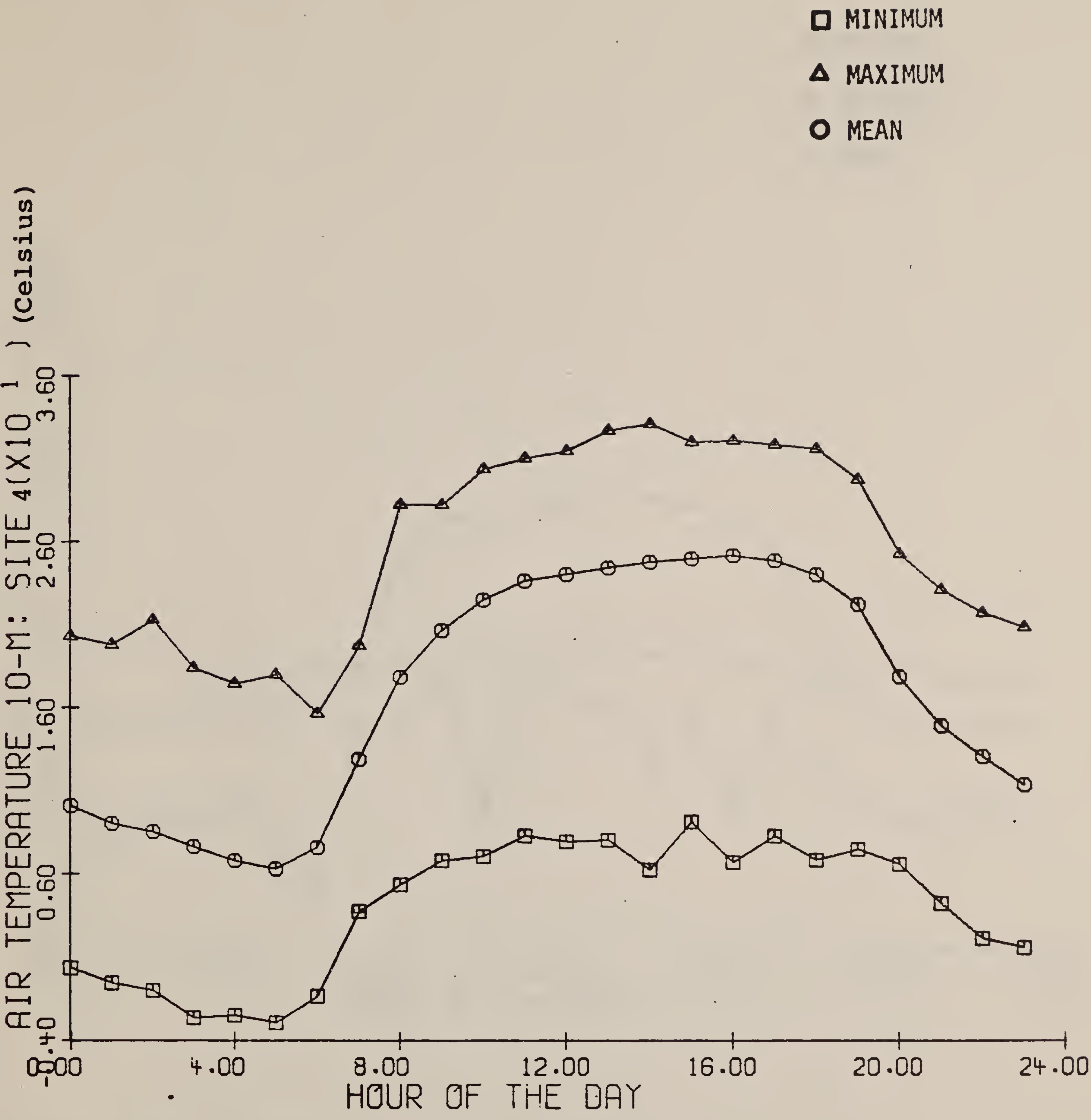


Figure 2.2-18. Air temperature (minimum, maximum, and mean by hour of the day) for Summer 1975 at Site 4, RBOSP.

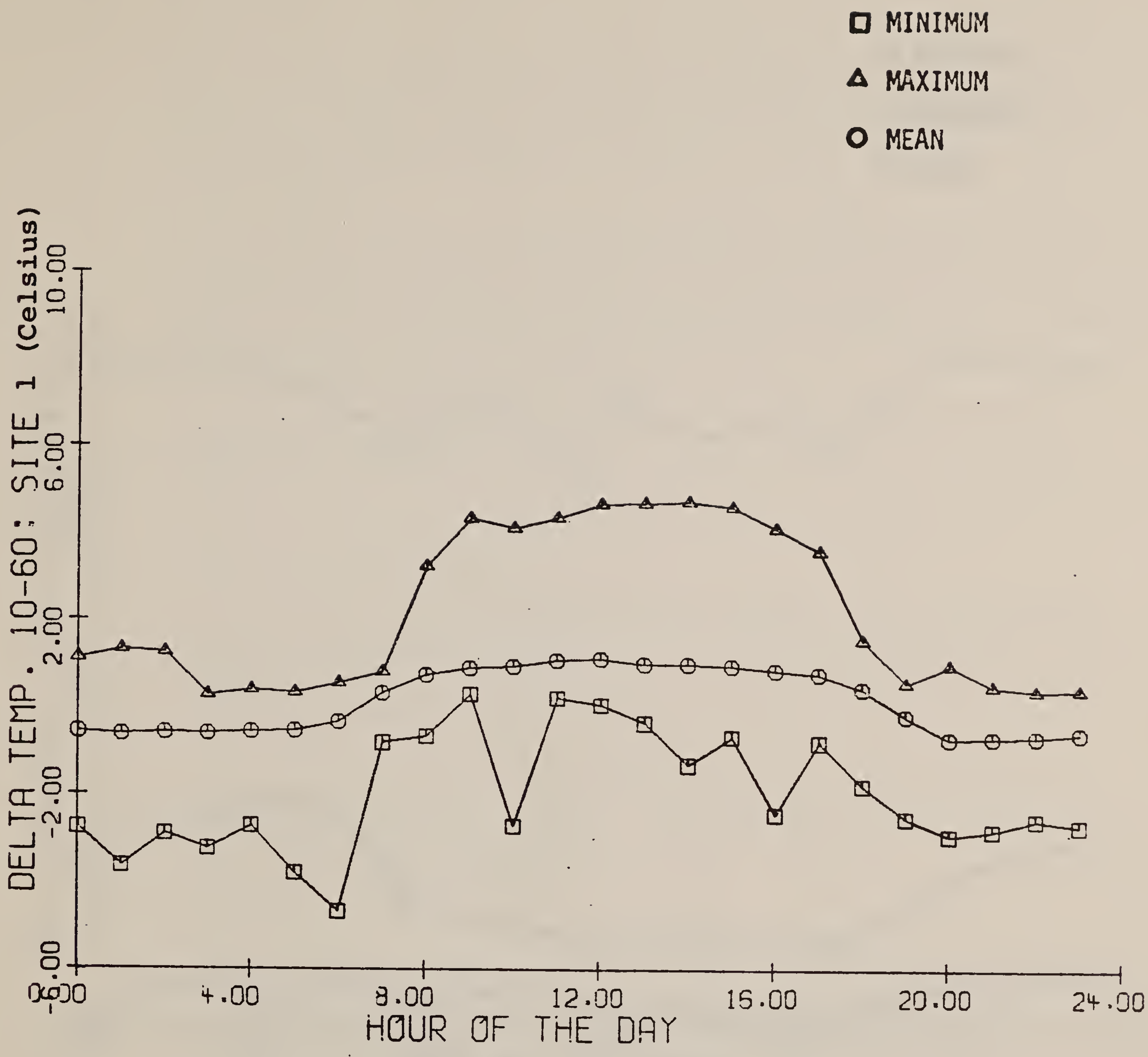


Figure 2.2-19. Temperature difference between the 10-m and 60-m levels (minimum, maximum, and mean by hour of the day) for Summer 1975 at Site 1, RBOSP.

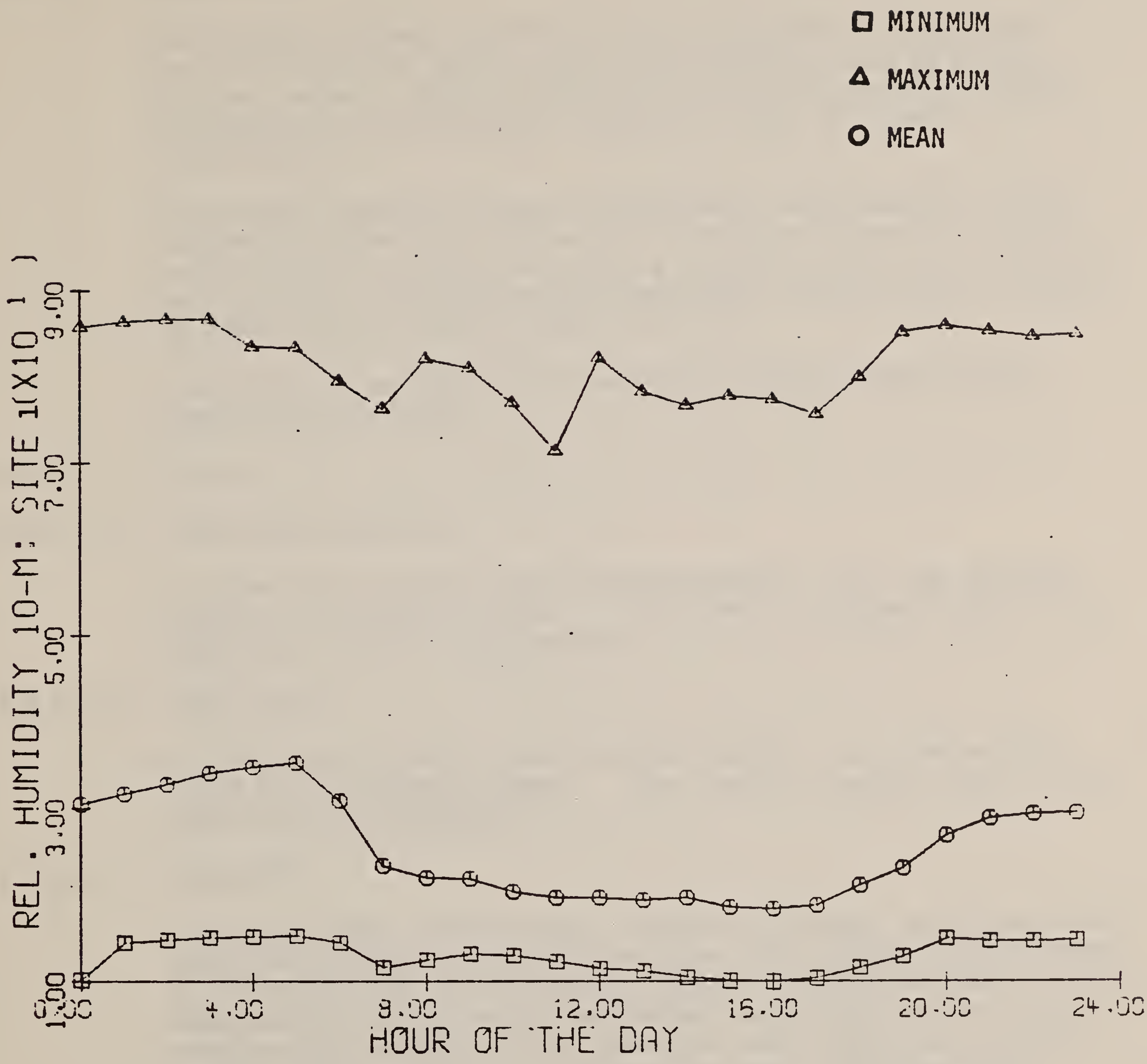


Figure 2.2-20. Relative humidity (percent), (minimum, maximum, **and** mean by hour of the day) for Summer 1975 at **Site** 1, RBOSP.

2.2.2 Upper Air Studies

2.2.2.1 Objectives

The purpose of these studies is to investigate the temperature and wind structure of the atmosphere over Tract C-a as a function of season. These data will be included in modeling studies to predict the environmental impact of future oil shale developments.

The studies required 15 days of soundings, four each day. Since inclement weather could force cancellation of aircraft flights, and limit pilot balloon tracking, a successful data day is defined as one having a minimum of two temperature profiles, one of which is flown into the valley below Tract C-a.

The period of performance of the field work was from 12 July through 26 July 1975.

2.2.2.2 Methods

2.2.2.2.1 Temperature Profiles

No change has occurred since Progress Report 3. See section 2.2.2.2.1 in Progress Report 2 for specific methods used in the temperature profile measurements.

2.2.2.2.2 Winds Aloft

No change has occurred since Progress Report 3. See section 2.2.2.2.2 in Progress Report 2 for specific methods used in the winds aloft measurements.

2.2.2.3 Results[1/]

The temperature structure over Tract C-a followed the dry adiabatic lapse rate higher than 1,000 feet above the surface in the absence of inversions and a wet adiabatic behavior during periods of nearby thunderstorm activity with few surface-based stable layers. The air from the surface to the 1,000-foot level exhibited a complex profile with inversions in the morning hours, which broke up

---

[1/] For a more complete description of the processes involved and a more extensive summary, refer to EG&G Report No. ECR-75-017, 15 September 1975, "Upper Air Comparison Studies for Summer 1975 between Federal Oil Shale Tracts C-a, C-b and Grand Junction, Colorado.

by early morning on each measurement day. Temperature inversions were quite pronounced in the valleys below Tract C-a, but none were greater than 4.2 C/100 m (Pasquill, Category F). The average mixing layer depth in the presence of a surface inversion at the early morning sounding (0500 MST) was 1,000 feet above the base of the main meteorological tower over Tract C-a. By 0800 MST, all surface inversions above the tract had dissipated; however in 10 instances, the inversion remained within the valleys below the tract. Comparison with the fall 1974 (AL-ECP-74-108), winter 1974 (AL-EC-118), and spring 1975 (ECR-75-004) upper air data indicates that there are significant differences in the mixing layer heights and intensites when a surface inversion is present.

Several flights to determine the horizontal temperature structure at constant altitude, but at varying heights (depending upon terrain), showed little horizontal dependence even when these were performed in the presence of a surface inversion. However, surface-based measurements of the actual temperature indicate that large horizontal temperature gradients probably exist when a surface-based vertical temperature inversion is present. The large horizontal temperature gradients observed are limited (about 100 feet) in vertical extent above the surface.

The wind structure above Tract C-a depends heavily upon the upper (500-mbar) level flows as well as the detailed surface topography, which is complex. In general, the upper level winds were predominantly from the southwest, although light variable winds from all directions were represented during the study period. In addition, wind speeds during the early morning hours were less than and not as gusty as those recorded later in the day.

During the 15-day study period, several soundings over Tract C-a were aborted because of inclement weather and dangerous flying conditions.

Weather conditions for the 15-day period are given in Table 2.2-6. A chronological history of release times and heights attained by the pilot balloons (pibals), time of air temperature soundings (tower fly-by), and surface temperatures at Tract C-a are presented in Table 2.2-7.

A summary of pibal measurements and the resultant calculated upper air velocities (mph) and directions (heading in degrees) are given in Appendix B, Section B.6.1. Each sighting is listed and the height and horizontal coordinates (X and Y corresponding to the distances in the east and north directions, respectively) are caclulted assuming a 600 feet/min constant rate of rise. A median height, velocity, and direction are listed between each sighting.

These values were calculated from prior and subsequent sighting data. A value of 999.0 indicates that a particular data point was missing.

The data listed in Appendix B, Section B.6.1 were plotted in polar form to give qualitative and quantitative means of viewing the data presented in Appendix B, Section B.6.3. Each sounding has a corresponding polar plot. The points indicate the balloon position at a particular sighting. The numbers next to the points represent the calculated height of the balloon in hundreds of feet above the surface at that point. Other heights can be determined given that each continuous point is vertically displaced 300 feet from its nearest point. Where data were missing, no point was plotted, but the line was interrupted.

In general, there is little agreement between pibal soundings made at different times of the day. The general clockwise turning of direction with height (Ekman effect) is apparent in only a few plots. Most, however, exhibit extremely complex structures. Another outstanding feature of the wind sounding plots is the lack of consistency in the directionality. This can be explained, in part, by the large frequency of occurrence of light and variable wind speeds.

A summary of all temperature soundings is given in Appendix B, Section B.6.2. Soundings were made in valleys during the day to investigate the temperature structure of air at lower elevations than the main monitoring site. These soundings indicate that, in most cases, when an inversion was present, the inversion intensity at the lower levels was more severe than at the proposed plant altitude. An example of this behavior is shown in the temperature profiles taken at 0500 on 14 July 1975. Of the 15 days of data collection, all showed evidence of isothermal or inversion conditions. The summer study showed only a single day with precipitation actually falling at the tract, although 10 days exhibited scattered thunderstorm activity within about a 15-mile radius. Although surface-based inversions were present every morning, they never persisted through the second sounding above the tract; however, in 10 instances, the inversions remained in the valleys below the tract past 0800 MST. Inversions were not present during the late morning and afternoon soundings.

The unconnected solid symbols plotted at the elevation of the base of the tower (7,400 feet) represent the results of temperature measurements made at the 10-m level of the meteorological tower on Tract C-a at about the same time as the aircraft temperature soundings. In many cases, these measurements show large differences which follow a simple pattern. In the early morning, the surface temperature was colder than the sounding temperature

value at the absolute elevation of the surface-based measurement. During the mid- and late-morning soundings, the instantaneous surface measurements were in agreement with the sounding measurements taken at the same elevation. During the afternoon, the surface temperature was usually higher than the sounding temperature at the same elevation. The pattern is probably caused by strong surface cooling and heating. This pattern is not reflected in the fall or winter upper air data.

In the winter 1974 Upper Air study (AL-EC-118), substantial horizontal temperature gradients were postulated to account for the discrepancy between surface measurements and sounding measurements made at the same elevation, but horizontally displaced about 1 km. At that time, one horizontal sounding showed no horizontal temperature dependence. During the spring study, seven additional horizontal temperature soundings were made (in the presence of inversions). These also showed no significant horizontal temperature structure.

As a continuing effort in the investigation of the depth and extent of these horizontal temperature gradients, special flights were made through the Piceance Creek basin during the summer 1975 study. These horizontal flights were only made when a surface-based inversion was present (early morning sounding). Comparison of the vertical temperature structure over the tract with the results of the horizontal soundings indicates (even with moderate to strong inversions present) that the horizontal temperature variation is less than 2 C. Horizontal gradients of the magnitude postulated (but not measured by the aircraft) in the winter 1974 upper air study were not found in any of the horizontal flights during summer 1975.

These horizontal temperature gradients (measured by surface-based stations), are extremely limited in their vertical extent above the surface. Because the aircraft typically flew within 100 to 200 feet above the surface over the same surface measurement stations, the horizontal gradients are apparently below this level.

Table 2.2-6. Weather conditions log, RBOSP.

Date	Conditions
7/12/75	Scattered stratus. Hazy to 11,000 feet with scattered stratus and cumulus to west early in the day. Turned to increasing stratus cover by mid-day with slight precipitation in area. Ground stations reported calm winds with partial cloud cover beginning at 0800 and increasing to 85% during 1100 and 1700 hours MST.
7/13/75	Cirrus and scattered stratus. Hazy to 12,000 feet. Cumulus south-southeast and east increasing to 60-70% cover by 1100 hours MST with cloud base at 12,000 feet. Ground observations of light winds, widely scattered thundershowers and associated cloud cover in vicinity.
7/14/75	Haze to 10,000 feet with sparse cirrus clouds in early morning hours to the southwest. Cumulo nimbus formed by mid-day increasing by late afternoon with 40% cover. Ground stations reported calm to very slight wind.
7/15/75	Hazy to 12,000 feet with 60-70% cirro stratus cloud cover in early morning. Cumulo nimbus and alto cumulus with light high cirrus (30-40%) observed during mid-day accompanied by slight precipitation. Light haze and cloud cover persisted through late afternoon hours. Ground stations reported light to calm surface winds diminishing toward late afternoon.
7/16/75	Light haze and extensive cloud cover with slight precipitation observed during first sounding. Cirro stratus clouds moved in from west in advance of thunderstorms. Lower layer of cloud cover at 13,500 feet observed lowering to 12,500 at end of day. Ground stations reported showers to the south and southwest. Rain by mid-day with moderate surface winds.

Table 2.2-6. (Continued).

Date	Conditions
7/17/75	Light haze observed to 12,000 feet with fog in Piceance Creek Canyon. High and sparse cirrus clouds. Very dense fog north of Rock School. Later haze lowered to 10,000 feet with cumulus clouds. By mid-day scattered cumulo stratus base observed at 11,000 feet and scattered thunderstorms were in the area. Clear by mid-day and afternoon over sites.
7/18/75	No clouds observed but light haze extended to 13,000 feet. Early morning haze lowered to 11,000 feet. By 1100 hours MST cumulus formed 20% cover with base at 13,500 feet. In late afternoon 13,000-foot alto cumulus and 30% cover observed. Light surface winds at ground stations.
7/19/75	Light haze level lowered from 12,000 to 10,000 feet by 0800 hours MST. Sparse clouds in area to the south. Light surface winds from south and southwest occurred during mid-day.
7/20/75	Cumulus and strato cumulus cloud cover of 30% with light haze viewed early. By 0800 hours MST cover increased to 40% with light precipitation and haze level lowering to 8-9,000 feet. At mid-day sparse cirrus formed at 13,000 feet. Later cumulo nimbus clouds observed in southwest, west, and northwest quadrants at 14,000 feet. Surface winds were light and varied from southeast to northwest from early morning to mid-day and became calm in later afternoon. Thunderstorms noted in west in early morning.
7/21/75	Haze persisted to 12,000-foot level. Straticum existed toward southwest. By 0800 MST haze lowered to 10,000 feet with 30% cloud cover. Cumulus seen in southwest sector. At mid-day strato cumulus cover estimated at 40% in all sectors. During late afternoon rain and overcast condition observed throughout the area. Surface winds estimated at 10-15 mph from the northwest.

Table 2.2-6. (Continued).

Date	Conditions
7/22/75	Haze and sparse cirrus seen during first flight. Haze level lowered from 13,000 to 8,000 feet by 0800 MST. Cumulo nimbus formed by 1100 MST and were widely scattered throughout afternoon. Ground observers reported very light winds beginning from northwest, then northeast,and later southwest.
7/23/75	Haze observed to 12,000 feet. No clouds in area during first flight. Haze level lowered to 10,000 feet followed by formation of cumulus clouds by mid-day with base at 13,500 feet. Moderate turbulence and scattered cumulus were present during the afternoon. Ground observers reported slight surface winds beginning in the east and later changing to the north. Cloud cover estimated at 20%.
7/24/75	Cumulus floccus present with haze at 13,000 feet, followed by alto cumulus and cumulus during the day. Cover estimated at 40% with base at 14-15,000 feet. Surface winds were light from the west early and northwest later in the day.
7/25/75	Light haze extended to 12,000 feet with few high cirrus clouds. Essentially clear. Cumulo nimbus were seen but very sparse and scattered. Surface winds light beginning southerly in early morning and changing to northerly by early afternoon. Cover estimated at 30%.
7/26/75	Considerable haze but no clouds. Later scattered strato cumulus observed. Winds nearly calm at surface.

Table 2.2-7. Chronological history of air temperature soundings and wind soundings, upper air study, Summer 1975 for Tract C-a, RBOSP.

Date	Flight Number	Time of Pibal Release (Hours, MST)	Time of Temperature Sounding 1/ (Hours, MST)	Pibal Height (Feet)	Surface Temperature (Degrees)
7/12/75	1	0610	0527	6000	14
	2	0807	0800	5400	17
	3	1058	1106	6000	20
	4	1646	1638	6000	23
7/13/75	1	NR	0512	NR	NA
	2	0900 1/	0803	6000	20
	3	1058	1107	3900	23
	4	1654	1651	6000	22
7/14/75	1	0500	0515	6000	17.5
	2	0900 1/	0805	6000	22
	3	1039	1112	6000	22
	4	1700	1647	6000	23.5
7/15/75	1	0521	0513	6000	16
	2	0802	0808	6000	NA
	3	1100	1107	5100	22.5
	4	1700	1648	6000	18
7/16/75	1	0500	0504	6000	14
	2	0800	0805	6000	18
	3	NR	NF	NR	NA
	4	NR	NF	NR	NA
7/17/75	1	0513	0505	6000	12
	2	0800	0804	6000	17.5
	3	1100	1100	6000	19.5
	4	1700	1643	6000	18
7/18/75	1	0500	0514	6000	17
	2	0805	0808	6000	20
	3	1045	1039	6000	22
	4	1703	1632	2100	23.6
7/19/75	1	0510	0507	6000	18.6
	2	0800	0807	6000	20.9
	3	1100	NF	4500	NA
	4	NR	1719	NR	NA

NA = Data not available
NF = No flight
NR = No pibal released

1/ Time of tower fly-by

Table 2.2-7. (Continued).

Date	Flight Number	Time of Pibal Release (Hours, MST)	Time of Temperature Sounding [1] (Hours, MST)	Pibal Height (Feet)	Surface Temperature (Degrees)
7/20/75	1	0511	0512	6000	18.1
	2	0800	0805	6000	20.5
	3	1100	1102	5100	23.6
	4	1725	1706	6000	23.3
7/21/75	1	0515	0504	6000	16
	2	0855	0810	6000	20.5
	3	1055	1123	6000	24
	4	1758	1707	6000	19.5
7/22/75	1	0458	0506	6000	17
	2	0900 [1]	0757	6000	19.5
	3	1100	1113	6000	24
	4	1700	1645	6000	26
7/23/75	1	0515	0512	6000	17
	2	0800	0812	6000	19.5
	3	1165	1110	6000	23
	4	1700	1634	6000	22
7/24/75	1	0500	0512	6000	17
	2	0800	0810	6000	20
	3	1100	1106	6000	23
	4	1700	1700	6000	24
7/25/75	1	0500	0500	6000	18
	2	0800	0815	6000	20
	3	1100	1107	5700	NA
	4	NR	NF	NR	NA
7/26/75	1	0512	0510	6000	15.4
	2	0800	0807	6000	19.3
	3	1100	1105	6000	24.0
	4	NR	NF	NR	NA

NA = Data not available
NF = No flight
NR = No pibal released

---

[1] Time of tower fly-by

2.2.3 Miscellaneous

The meteorological parameters grouped into this category are precipitation, evaporation, solar radiation, noise, visibility, and tracer studies. All these parameters, except precipitation and evaporation, are measured only at Site 1. Evaporation measurement is made at Site 3 because of water availability. The evaporation rate and visibility are not monitored continuously, but are recorded on a routine basis.

2.2.3.1 Precipitation Measurements

2.2.3.1.1 Objectives

No change has occurred since Progress Report 2. See Section 2.2.3.1.1 in Progress Report 2 for specific methods used in the precipitation measurements.

2.2.3.1.2 Methods

No change has occurred since Progress Report 2. See Section 2.2.3.1.2 in Progress Report 2 for specific methods used in the precipitation measurements.

2.2.3.1.3 Results

The precipitation data summary for summer 1975 is presented in Table 2.2-8. The total and daily amounts of precipitation are shown for each site. Maximum total precipitation for 1 day was 0.38 inch at Site 4 on 16 July 1975.

Site 4 registered the largest total precipitation (1.04 inches) for the summer 1975 season.

2.2.3.2 Evaporation Measurements

2.2.3.2.1 Objectives

No change has occurred since Progress Report 2. See section 2.2.3.2.1 in Progress Report 2 for specific objective of the evaporation measurements.

2.2.3.2.2 Methods

No change has occurred since Progress Report 2. See section 2.2.3.2.2 in Progress Report 2 for specific methods used in the evaporation measurements.

Table 2.2-8. Precipitation data for Summer 1975, values are presented in inches of water, RBOSP.

Date	Site 1 Total	Site 2 Total	Site 3 Total	Site 4 Total
6/03/75	—	0.01		
6/04/75	—		0.01	0.01
6/07/75	—		0.01	0.01
6/08/75	0.03	0.01		0.08
6/09/75	0.01			0.04
6/10/75				0.01
6/18/75			0.04	0.07
6/20/75			0.03	0.11
6/21/75		0.01	0.03	0.02
6/22/75				0.05
6/26/75	0.01			
June Total	0.05	0.03	0.12	0.44
7/03/75				
7/04/75	0.01			
7/08/75		0.01		
7/09/75	0.01			0.07
7/10/75			0.02	
7/11/75	0.01			
7/12/75			0.04	
7/15/75			0.01	0.04
7/16/75		0.01		0.38
7/17/75				0.01
7/21/75				0.01
7/29/75	0.01		0.01	0.01
7/31/75				0.04
July Total	0.04	0.03	0.08	0.56
8/06/75	0.01			
8/12/75			0.01	
8/14/75			0.07	
8/16/75	0.01			
8/19/75				0.01
8/22/75			0.01	0.03
8/27/75			0.04	
August Total	0.02	0.00	0.13	0.04
Summer Total	0.11	0.06	0.33	1.04

2.2.3.2.3 Results

Data for the summer season are presented in Table 2.2-9. The data for the period 14 June to 21 June were lost because range cattle disturbed the monitoring site. The highest evaporation rate recorded was 0.034 g /cm^2/hour. This occurred during the week ending 14 June. The minimum evaporation rate was 0.011 g /cm^2/hour during the measurement period ending 19 July 1975.

2.2.3.3 Solar Radiation Measurement

2.2.3.3.1 Objectives

No change has occurred since Progress Report 2. See section 2.2.3.3.1 in Progress Report 2 for specific objectives of the solar radiation measurements.

2.2.3.3.2 Methods

No change has occurred since Progress Report 2. See section 2.2.3.3.2 in Progress Report 2 for specific methods used in the solar radiation measurements.

2.2.3.3.3 Results

The minimum, maximum, and mean composite day solar radiation measurements as a function of hour of the day for summer 1975, are graphically presented in Figure 2.2-21. This figure was compiled from the composite day summaries listed in Appendix B, Section B.2. Solar radiation data were taken at ground level at Site 1. The hourly means follow a close approximation to a sine curve. The minimum, maximum, and mean hourly solar radiation measurements are presented in Table 2.2-10.

Table 2.2-9. Evaporation data summary for Summer 1975, RBOSP.

End Date of Measurement Period	Time of Measurement Hours (MST)	Precipitation Since Last Reading (inches)	Maximum Temperature Since Last Reading (Degrees Celsius)	Minimum Temperature Since Last Reading (Degrees Celsius)	Water Required to Fill Pan (inches)	Evaporation Evaporation Rate ($g/cm^2/hr$)
June 7	0830	0.02	29.4	21.1	1.48	0.023
June 14	1100	0.00	NA[1]	NA[1]	2.25	0.034
June 21	-	-	-	-	-	[2]
June 28	1215	0.03	27.8	5.6	2.08	0.032
July 5	1015	0.00	32.2	11.1	2.02	0.031
July 12	1338	0.06	34.4	17.8	0.85	0.014
July 19	0948	0.01	32.2	15.6	0.68	0.011
July 26	1730	0.00	27.2	23.3	1.80	0.026
August 2	1200	0.01	32.8	12.8	0.94	0.015
August 10	1800	0.00	26.1	7.2	2.59	0.033
August 16	1700	0.08	27.2	15.6	0.65	0.013
August 23	1800	0.01	28.9	11.7	1.69	0.026
August 30	0900	0.04	27.8	10.0	1.88	0.033

[1] Temperature reading invalid. Thermometer not submerged entirely.

[2] Domestic stock broached enclosure for evaporation pan. Pan relocated inside site 3 security fence.

Table 2.2-10. Solar radiation, seasonal and monthly summary for Summer 1975, values are in Langleys or cal/cm2/min, RBOSP.

	June	July	August	Summer 1975
Minimum	0.00	0.00	0.00	0.00
Maximum	1.90	1.70	1.62	1.90
Mean	0.45	0.39	0.42	0.42

2.2.3.4 Noise Measurements

2.2.3.4.1 Objectives

No change has occurred since Progress Report 2. See section 2.2.3.4.1 in Progress Report 2 for specific objectives of the noise measurements.

2.2.3.4.2 Methods

No change has occurred since Progress Report 2. See section 2.2.3.4.2 in Progress Report 2 for specific methods used in the noise measurements.

2.2.3.4.3 Results

Noise level field measurements were in the process of being collected at the end of this quarter.

2.2.3.5 Visibility Measurements

2.2.3.5.1 Objectives

No change has occurred since Progress Report 2. See section 2.2.3.5.1 in Progress Report 2 for specific objectives of the visibility measurements.

2.2.3.5.2 Methods

No change has occurred since Progress Report 2. See section 2.2.3.5.2 in Progress Report 2 for specific methods used in the noise measurements.

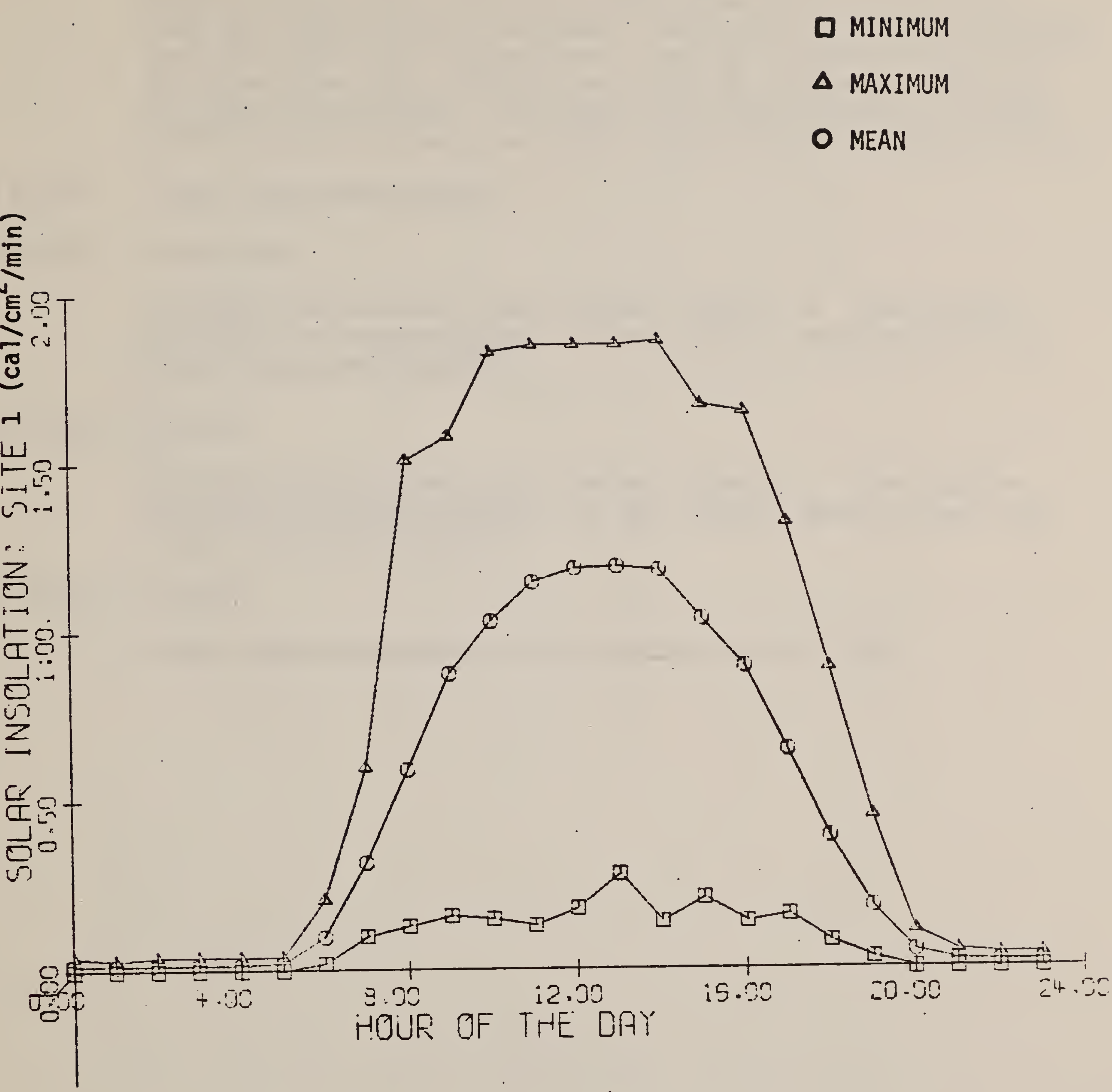


Figure 2.2-21. Solar radiation (minimum, maximum, and mean by hour of the day) for Summer 1975 at Site 1, RBOSP.

2.2.3.5.3 Results

During summer 1975, visibility ranged from 20 to 150 miles for each day that data were recorded. The 20-mile visibility occurred on 9 June 1975 when thundershowers were to the south of the site. On three other days visibility was limited to 80 miles, because of local thunderstorms. For most of the other periods of record, visibility was virtually unlimited (Tables 2.2-11 through 2.2-13).

2.2.3.6 Tracer Study Measurements

2.2.3.6.1 Objectives

No change has occurred since Progress Report 2. See section 2.2.3.6.1 in Progress Report 2 for specific objectives of the Tracer Study measurements.

2.2.3.6.2 Methods

No change has occurred since Progress Report 2.. See section 2.2.3.6.2 in Progress Report 2 for specific methods used in be Tracer Study Measurements.

2.2.3.6.3 Results

Tracer study measurements are scheduled for fall 1975.

Table 2.2-11. Visibility data for June 1975, RBOSP.

Date of Observation	Time of Observation Hours (MST)	Precipitation in Prior 24 Hours	Sector Visibility N	E	S	W	Prevailing Visibility	Comments
June 3	1610	0	100	100	100	100	>100	Estimated cloud cover 80%.
June 6	1930	0	150	150	150	150	>150	Estimated cloud cover 10%.
June 9	1130	0	100	50	20	50	>50	Estimated cloud cover 70%. Thundershowers in area.
June 12	1000	0	150	150	150	150	>150	Estimated cloud cover 5%. Clear light winds 10 mph.
June 15	1000	0	100	100	100	100	>100	Estimated cloud cover 2%. Westerly wind at 10-20 mph.
June 18	1500		80	80	80	80	>80	Light rain, overcast.
June 21	0800	0	150	150	150	150	>150	Estimated cloud cover 10%. Clear with light clouds.
June 24	0745	0	150	150	150	150	>150	Estimated cloud cover 10%. Light winds at 8-10 mph. Clear with light clouds.
June 27	0900	0	150	150	150	150	>150	Light haze and southerly wind, no clouds.
June 30	1100	0	150	150	150	150	>150	Clear, no clouds. Light southwesterly winds.

Table 2.2-12. Visibility data for July 1975, RBOSP.

Date of Observation	Time of Observation Hours (MST)	Precipitation in Prior 24 Hours	Sector Visibility				Prevailing Visibility	Comments
			N	E	S	W		
July 3	0805	0	150	150	150	150	>150	Estimated cloud cover 40%. Southeasterly winds at 10 mph.
July 6	1220	0	150	150	150	150	>150	Estimated cloud cover 3%. Northeasterly wind at 6 mph.
July 9	1630	0	30	80	80	80	>80	Estimated cloud cover 80%. Thunderstorms in area northwest to northeast.
July 12	0820	0	150	150	150	150	>150	Estimated cloud cover 80%. Light rain with very light northeasterly breeze.
July 15	1700	0	100	100	100	100	>100	Estimated cloud cover 50%. Thundershowers in vicinity.
July 18	1149	0	150	150	150	150	>150	Estimated cloud cover 5%. Light southwesterly breeze.
July 21	1620	0	150	150	150	150	>150	Estimated cloud cover 10%.
July 24	1100	0	80	80	80	80	>80	Estimated cloud cover 15%.
July 27	1320	0	150	150	150	150	>150	Estimated cloud cover 15%.
July 30	1100	0	150	150	150	150	>150	Estimated cloud cover 60%.

Table 2.2-13. Visibility data for August 1975, RBOSP.

Date of Observation	Time of Observation Hours (MST)	Precipitation in Prior 24 Hours	Sector Visibility N	E	S	W	Prevailing Visibility	Comments
August 2	1600	0	80	80	80	80	>80	Estimated cloud cover <5%. Light winds.
August 5	0945	0	80	80	80	80	>80	Clear.
August 8	1040	0	80	80	80	80	>80	Clear.
August 11	1200	0	80	10	80	80	>80	Estimated cloud cover 95%. Thunderstorms in area. Southwesterly winds at 10 mph.
August 14	1400	0	80	80	80	80	>80	Estimated cloud cover 90%. Thunderstorm activity.
August 17	1500	0.01 in.	100	100	100	100	100	Cloud cover 20%. Scattered small clouds plus light breeze.
August 20	0900	0	80	80	80	80	80	Slightly overcast and clearing.
August 23	0945	0	100	100	100	100	100	Winds from 205 degrees and 10-20 mph winds. Temperature is 20 C, 60% cloud cover.
August 26	1105	0	150	150	150	150	150	Warm, sunny day. Light winds.
August 29	1800	0	100	100	100	100	100	Sunny day with no clouds and light winds from the south.

2.2 METEOROLOGY DATA
(APPENDIX B)

APPENDIX B
2.2 METEOROLOGICAL DATA
TO
QUARTERLY PROGRESS REPORT
FOR
FEDERAL OIL SHALE TRACT C-a
SUMMER 1975

Prepared for

The Rio Blanco Oil Shale Project

By

EG&G, Environmental Consultants
9025 East Kenyon Avenue, Suite 201
Denver, Colorado 80237

APPENDIX B

METEOROLOGICAL DATA
SUMMER 1975

Section		Page
B.1	METEOROLOGICAL DATA LISTINGS	B.1.1-1
B.2	COMPOSITE DAY (HOURLY) SUMMARIES	B.2.1-1
B.3	WIND SPEED VERSUS WIND DIRECTION SUMMARIES	B.3.1-1
B.4	WIND ROSE PLOTS (MONTHLY)	B.4.1-1
B.5	JOINT FREQUENCY DISTRIBUTION BETWEEN WIND SPEED, WIND DIRECTION, AND ATMOSPHERIC STABILITY AT SITE 1	B.5.1-1
B.6	UPPER AIR DATA LISTINGS	B.6.1-1
B.7	METEOROLOGICAL DATA RECOVERY PERCENTAGES	B.7.1-1

SECTION B.1

METEOROLOGICAL DATA LISTINGS
SUMMER 1975

Section		Page
B.1.1	Data for Site 1	B.1.1-1 to B.1.1-93
B.1.2	Data for Site 2	B.1.2-1 to B.1.2-93
B.1.3	Data for Site 3	B.1.3-1 to B.1.3-93
B.1.4	Data for Site 4	B.1.4-1 to B.1.4-93

B.1.1

METEOROLOGICAL DATA LISTING FOR SITE 1
1 JUNE 1975 THROUGH 31 AUGUST 1975

WS10	Wind Speed at the 10-m level (mph)
WDR10	Wind Direction at the 10-m level (degrees)
AT10	Air Temperature at the 10-m level (degrees Celsius)
RH10	Relative Humidity at the 10-m level (percent)
SG10	Standard Deviation of the Wind Direction (wind sigma) at the 10-m level (degrees)
WS30	Wind Speed at the 30-m level (mph)
WDR30	Wind Direction at the 30-m level (degrees)
AT30	Air Temperature at the 30-m level (degrees Celsius)
WS60	Wind Speed at the 60-m level (mph)
WDR60	Wind Direction at the 60-m level (degrees)
DT60	Temperature Difference (ΔT) between 10-m and 60-m level (degrees Celsius)
PREC	Precipitation at ground level (inches of H_2O)
SI	Solar radiation at ground level (Langley)

RIO BLANCO OIL SHALE PROJECT   60 METER TOWER

				10 - METER LEVEL					30 - METER LEVEL			60 - METER LEVEL				
HR	DY	MO	YR	WS10	WDR10	AT10	RH10	SG10	WS30	WDR30	AT30	WS60	WDR60	DT60	PREC	SI
0	1	6	75	9.5	272.8	9.67	40.49	4.54	11.8	279.9	10.26	12.9	289.2	-1.31	0.00	999.00
1	1	6	75	7.9	242.8	8.86	43.79	7.30	9.5	266.5	9.44	11.0	288.5	-1.45	0.00	999.00
2	1	6	75	11.0	274.9	9.49	40.51	5.31	14.4	280.8	10.07	16.0	291.0	-1.31	0.00	999.00
3	1	6	75	11.3	288.7	8.67	44.80	4.95	16.5	291.8	9.70	18.1	301.7	-1.55	0.00	999.00
4	1	6	75	10.0	278.0	8.39	47.67	6.02	14.8	286.7	9.41	16.0	299.0	-1.68	0.00	999.00
5	1	6	75	3.7	33.9	6.14	70.89	17.99	4.4	29.6	5.69	5.9	25.0	0.17	0.00	999.00
6	1	6	75	1.4	269.8	6.44	46.00	19.02	1.5	296.6	7.01	1.2	292.0	0.43	0.00	999.00
7	1	6	75	4.3	33.0	7.65	29.22	14.44	4.8	30.1	7.30	4.6	39.6	0.72	0.00	999.00
8	1	6	75	3.4	88.9	8.58	28.88	16.19	3.9	69.6	8.26	4.2	60.3	0.66	0.00	999.00
9	1	6	75	5.7	66.7	10.11	32.32	13.24	6.3	55.8	9.51	6.6	62.5	0.70	0.00	999.00
10	1	6	75	3.6	120.0	12.13	26.93	23.26	4.1	90.5	11.85	4.2	83.6	0.75	0.00	999.00
11	1	6	75	6.3	147.7	14.00	20.12	20.88	7.1	146.9	13.01	7.1	152.3	0.86	0.00	999.00
12	1	6	75	5.6	249.2	14.53	19.72	13.31	6.1	255.1	13.62	6.5	259.3	0.99	0.00	999.00
13	1	6	75	5.9	334.9	14.78	19.38	24.22	6.4	331.9	14.14	6.4	334.9	0.72	0.00	999.00
14	1	6	75	5.5	347.5	16.14	18.65	28.60	5.7	338.7	15.01	5.9	347.3	1.01	0.00	999.00
15	1	6	75	6.3	328.1	16.82	16.94	24.32	7.0	324.0	16.00	7.1	323.7	1.04	0.00	999.00
16	1	6	75	8.2	28.2	16.97	16.70	15.63	8.8	21.7	16.13	9.1	15.0	1.00	0.00	999.00
17	1	6	75	6.6	249.6	17.10	17.30	16.66	7.3	248.6	16.34	7.4	252.1	0.88	0.00	999.00
18	1	6	75	5.5	273.4	16.87	16.55	11.47	6.0	267.2	16.42	6.6	269.3	0.76	0.00	999.00
19	1	6	75	1.5	244.5	16.35	16.33	7.65	1.5	258.5	16.39	1.5	239.1	0.49	0.00	999.00
20	1	6	75	6.8	250.3	15.58	20.47	2.80	6.5	247.9	15.41	6.4	251.6	-0.01	0.00	999.00
21	1	6	75	4.1	255.4	15.56	20.85	4.36	4.0	220.7	15.22	3.6	221.0	0.00	0.00	999.00
22	1	6	75	2.8	213.1	14.56	22.26	10.19	3.1	204.7	14.01	3.3	178.8	-0.28	0.00	999.00
23	1	6	75	4.4	227.0	14.93	21.96	5.34	4.3	206.8	14.43	4.7	192.4	-0.07	0.00	999.00

RIO BLANCO OIL SHALE PROJECT 60 METER TOWER

				10 - METER LEVEL					30 - METER LEVEL			60 - METER LEVEL				
HR	DY	MO	YR	WS10	WDR10	AT10	RH10	SG10	WS30	WDR30	AT30	WS60	WDR60	DT60	PREC	SI
0	2	6	75	9.3	265.0	13.04	24.81	3.36	11.4	259.7	13.24	13.4	244.5	-1.01	0.00	999.00
1	2	6	75	9.3	262.4	13.63	24.11	3.01	11.1	258.1	13.97	12.4	249.2	-0.77	0.00	999.00
2	2	6	75	8.3	259.4	13.39	24.12	3.61	9.9	254.8	13.57	10.8	244.7	-0.48	0.00	999.00
3	2	6	75	8.9	255.2	13.88	23.56	2.53	9.6	253.1	14.32	10.4	254.4	-0.80	0.00	999.00
4	2	6	75	9.0	253.4	13.64	23.73	2.51	9.1	256.5	14.17	9.9	264.0	-0.81	0.00	999.00
5	2	6	75	11.8	245.5	13.18	23.83	3.61	12.7	243.7	14.21	13.3	249.7	-1.24	0.00	999.00
6	2	6	75	9.3	247.7	13.45	22.88	5.26	11.3	247.1	13.83	12.4	245.7	-0.34	0.00	999.00
7	2	6	75	3.9	239.1	15.90	19.07	17.08	4.6	231.7	15.40	4.7	231.7	0.66	0.00	999.00
8	2	6	75	4.4	104.6	15.92	18.60	10.93	4.4	96.0	15.52	4.0	106.2	0.65	0.00	999.00
9	2	6	75	7.5	268.5	17.55	19.44	12.67	8.1	270.6	16.77	6.1	266.1	0.65	0.00	999.00
10	2	6	75	9.9	264.4	18.73	18.79	12.20	11.8	262.1	17.63	13.0	263.1	1.06	0.00	999.00
11	2	6	75	12.5	267.5	18.55	19.40	9.14	14.3	270.2	17.53	14.7	273.1	0.93	0.00	999.00
12	2	6	75	8.9	282.8	19.86	17.81	13.24	10.1	279.3	18.57	10.7	281.4	1.17	0.00	999.00
13	2	6	75	11.2	192.5	20.42	16.49	13.60	13.8	190.9	19.17	13.8	201.4	1.10	0.00	999.00
14	2	6	75	8.6	277.6	20.02	17.23	15.62	9.4	273.6	18.89	11.2	271.9	1.02	0.00	999.00
15	2	6	75	8.6	237.1	21.00	16.08	19.59	9.9	221.6	19.85	11.0	223.3	1.05	0.00	999.00
16	2	6	75	14.1	285.8	17.74	20.01	7.75	16.4	281.9	17.40	17.8	285.7	0.27	0.00	999.00
17	2	6	75	10.3	320.0	18.41	19.02	9.83	11.7	317.9	17.80	12.3	318.4	0.63	0.00	999.00
18	2	6	75	3.2	298.7	17.86	19.84	8.56	3.6	307.5	17.47	4.0	308.0	0.25	0.00	999.00
19	2	6	75	5.1	315.1	13.79	31.83	10.94	4.6	348.2	13.82	4.3	36.3	-0.45	0.00	999.00
20	2	6	75	5.1	291.1	14.42	30.10	5.65	5.1	304.5	14.31	3.7	320.9	-0.25	0.00	999.00
21	2	6	75	4.7	206.1	13.28	33.85	8.79	5.8	196.4	13.06	6.9	186.4	-0.11	0.00	999.00
22	2	6	75	3.4	251.3	13.72	32.25	5.80	3.4	228.8	13.27	3.5	196.2	-0.06	0.00	999.00
23	2	6	75	6.1	339.9	13.13	31.04	15.90	6.4	344.7	13.44	6.1	354.3	-0.62	0.00	999.00

RIO BLANCO OIL SHALE PROJECT 60 METER TOWER

				10 - METER LEVEL					30 - METER LEVEL			60 - METER LEVEL				
HR	DY	MO	YR	WS10	WDR10	AT10	RH10	SG10	WS30	WDR30	AT30	WS60	WDR60	DT60	PREC	SI
0	3	6	75	1.5	323.3	12.79	33.58	17.95	2.3	50.7	11.94	2.8	48.9	-0.24	0.00	999.00
1	3	6	75	4.9	308.8	10.93	38.89	7.39	5.0	326.7	10.92	5.3	344.2	-0.30	0.00	999.00
2	3	6	75	3.9	208.2	11.19	42.70	6.40	3.3	163.4	10.56	3.1	163.0	-0.11	0.00	999.00
3	3	6	75	1.9	174.4	11.35	39.54	11.92	2.5	179.1	10.93	3.0	167.1	-0.42	0.00	999.00
4	3	6	75	2.7	303.9	11.24	40.50	5.07	2.1	0.9	10.27	2.7	46.8	-0.46	0.00	999.00
5	3	6	75	2.2	200.3	11.11	41.97	6.29	1.2	20.2	9.74	1.9	79.7	-0.27	0.00	999.00
6	3	6	75	3.2	207.8	11.33	30.63	10.46	4.1	202.3	11.19	4.6	189.9	-0.44	0.00	999.00
7	3	6	75	5.9	202.3	15.08	18.27	17.61	7.6	214.6	14.72	9.8	220.9	0.49	0.00	999.00
8	3	6	75	9.2	205.3	16.47	19.30	16.39	12.8	197.1	15.81	14.9	211.5	0.66	0.00	999.00
9	3	6	75	11.3	204.8	18.16	18.59	16.40	13.5	207.9	17.20	17.8	217.2	1.00	0.00	999.00
10	3	6	75	11.3	257.2	17.83	18.91	11.94	12.1	251.5	16.95	12.7	252.4	0.84	0.00	999.00
11	3	6	75	16.3	220.4	19.25	18.08	16.06	20.6	213.7	17.99	24.3	226.5	1.00	0.00	999.00
12	3	6	75	16.5	210.1	20.07	17.18	16.30	21.9	202.1	18.61	24.3	210.7	0.92	0.00	999.00
13	3	6	75	19.5	204.5	20.08	16.90	14.61	24.3	200.9	18.63	28.4	209.8	0.62	0.00	999.00
14	3	6	75	11.9	221.6	19.68	17.29	17.73	15.5	217.1	18.86	20.2	222.1	0.80	0.00	999.00
15	3	6	75	14.5	207.9	19.52	17.15	15.72	18.8	208.9	18.75	23.2	214.9	0.66	0.00	999.00
16	3	6	75	20.2	290.1	17.74	18.70	9.34	23.5	288.5	17.00	25.3	290.8	0.45	0.00	999.00
17	3	6	75	21.8	302.3	14.96	21.17	8.44	25.6	300.2	14.19	27.8	301.4	0.65	0.00	999.00
18	3	6	75	15.2	33.6	12.56	27.87	8.60	17.0	29.5	11.97	17.2	31.9	0.61	0.00	999.00
19	3	6	75	10.3	57.7	10.09	42.49	7.72	11.3	50.5	9.58	11.5	57.7	0.54	0.00	999.00
20	3	6	75	5.5	40.5	8.77	59.37	6.15	6.0	35.2	8.31	6.6	36.4	0.43	0.00	999.00
21	3	6	75	3.4	195.6	7.38	77.72	8.66	3.5	198.4	6.80	3.2	229.9	0.25	0.00	999.00
22	3	6	75	9.5	313.9	6.53	81.95	7.31	11.2	311.6	6.22	12.6	316.8	0.27	0.00	999.00
23	3	6	75	3.2	155.6	6.26	84.34	13.61	3.7	153.8	5.77	4.4	154.8	0.42	0.00	999.00

RIO BLANCO OIL SHALE PROJECT 60 METER TOWER

				10 - METER LEVEL					30 - METER LEVEL			60 - METER LEVEL				
HR	DY	MO	YR	WS10	WDR10	AT10	RH10	SG10	WS30	WDR30	AT30	WS60	WDR60	DT60	PREC	SI
0	4	6	75	3.4	204.3	6.86	85.64	8.48	4.0	206.3	5.99	4.8	212.6	0.76	0.00	999.00
1	4	6	75	3.2	344.2	6.02	86.35	20.13	3.3	340.0	5.61	3.0	357.3	0.28	0.00	999.00
2	4	6	75	2.0	52.1	6.00	86.69	9.35	2.1	39.4	5.52	2.9	55.0	0.47	0.00	999.00
3	4	6	75	6.2	231.4	5.60	86.72	4.27	6.2	226.9	5.20	6.0	225.2	0.14	0.00	999.00
4	4	6	75	7.2	282.4	5.79	80.27	5.32	9.8	291.8	6.23	9.9	312.3	-1.36	0.00	999.00
5	4	6	75	2.8	325.5	5.90	80.91	9.86	4.8	334.9	5.98	6.9	337.9	-0.64	0.00	999.00
6	4	6	75	6.3	328.9	6.51	69.52	5.93	7.9	331.8	6.42	9.6	344.6	-0.09	0.00	999.00
7	4	6	75	6.1	331.3	7.09	63.58	9.88	7.3	326.9	6.66	8.0	330.1	0.42	0.00	999.00
8	4	6	75	8.4	353.0	8.77	46.65	28.12	9.0	350.1	7.86	9.0	357.2	0.98	0.00	1.51
9	4	6	75	5.3	68.3	9.60	41.04	13.97	5.2	61.7	9.02	5.1	62.2	0.79	0.00	1.58
10	4	6	75	3.6	99.0	9.71	35.82	13.98	3.7	84.7	9.34	4.3	99.3	0.67	0.00	0.82
11	4	6	75	3.8	293.9	11.61	26.46	25.55	4.1	282.9	11.37	4.0	275.6	0.80	0.00	1.05
12	4	6	75	4.0	176.5	12.97	23.91	24.01	3.9	298.0	12.45	3.9	200.8	0.89	0.00	1.10
13	4	6	75	6.1	271.9	13.91	20.13	24.26	6.4	266.1	12.91	7.5	268.0	1.14	0.00	1.17
14	4	6	75	9.4	285.2	14.61	20.50	13.52	10.3	281.6	13.31	10.5	283.5	1.20	0.00	1.22
15	4	6	75	9.9	287.3	15.03	19.48	9.51	10.9	282.0	13.83	11.6	262.8	1.14	0.00	1.67
16	4	6	75	11.8	272.8	15.36	18.98	10.46	12.6	270.7	14.36	13.3	269.0	0.93	0.00	1.59
17	4	6	75	11.4	300.4	14.51	20.72	7.66	12.6	297.6	13.81	13.2	301.4	0.70	0.00	0.89
18	4	6	75	7.4	288.2	15.09	19.57	8.92	8.6	288.5	14.50	8.7	295.1	0.83	0.00	0.73
19	4	6	75	3.7	299.3	14.32	19.83	6.95	4.2	311.4	14.43	5.1	323.0	0.31	0.00	0.37
20	4	6	75	3.3	252.3	13.96	24.68	3.14	2.6	259.8	12.60	2.4	258.9	0.34	0.00	0.08
21	4	6	75	4.4	289.9	13.05	26.91	3.69	4.1	296.9	12.73	2.2	299.6	-0.24	0.00	0.02
22	4	6	75	1.4	278.7	12.77	29.25	8.34	1.0	290.1	10.88	0.8	161.8	-0.15	0.00	0.01
23	4	6	75	3.4	228.3	12.45	32.48	6.80	2.2	222.8	10.94	2.6	196.8	-0.31	0.00	0.01

RIO BLANCO OIL SHALE PROJECT 60 METER TOWER

				10 - METER LEVEL					30 - METER LEVEL			60 - METER LEVEL				
HR	DY	MO	YR	WS10	WDR10	AT10	RH10	SG10	WS30	WDR30	AT30	WS60	WDR60	DT60	PREC	SI
0	5	6	75	2.4	341.1	9.89	40.43	28.18	4.3	10.5	9.67	7.9	27.6	-0.54	0.00	0.00
1	5	6	75	1.1	281.1	9.88	49.47	14.94	1.1	350.2	8.08	2.6	70.4	0.06	0.00	0.00
2	5	6	75	3.3	203.0	9.52	50.52	6.74	3.8	125.2	8.64	3.4	155.3	-0.25	0.00	0.00
3	5	6	75	2.9	204.4	9.55	49.20	8.62	3.7	190.6	9.22	4.0	169.8	-0.16	0.00	0.00
4	5	6	75	1.5	253.4	9.64	50.07	10.05	0.9	221.2	7.83	1.5	116.6	-0.03	0.00	0.00
5	5	6	75	2.8	191.5	9.52	49.73	6.92	3.1	171.7	8.90	3.5	141.7	-0.02	0.00	0.01
6	5	6	75	2.5	195.7	10.08	25.97	8.55	2.7	186.5	9.81	3.0	170.4	0.39	0.00	0.21
7	5	6	75	3.6	115.9	11.09	18.63	12.68	3.9	101.3	10.82	4.2	100.4	0.68	0.00	0.60
8	5	6	75	4.0	90.4	12.13	20.18	14.50	4.2	79.4	11.62	4.7	79.1	0.76	0.00	1.05
9	5	6	75	4.1	42.8	13.32	22.77	19.19	4.0	38.0	12.84	4.3	58.6	0.76	0.00	1.47
10	5	6	75	3.9	42.3	14.79	21.82	21.19	3.8	28.2	14.22	3.7	48.4	0.89	0.00	1.83
11	5	6	75	3.4	42.5	16.75	20.88	27.94	3.1	353.7	16.22	3.5	22.5	0.84	0.00	1.85
12	5	6	75	7.2	283.6	18.44	18.68	19.26	8.0	286.2	17.14	8.6	289.0	1.13	0.00	1.85
13	5	6	75	7.7	259.8	19.15	17.46	18.03	8.4	258.0	18.03	9.5	261.1	1.08	0.00	1.85
14	5	6	75	8.4	264.3	19.72	16.67	15.56	9.2	262.5	18.56	9.5	264.5	1.08	0.00	1.86
15	5	6	75	5.6	274.0	20.44	15.87	21.90	6.6	269.8	19.43	7.5	260.7	1.06	0.00	1.90
16	5	6	75	5.9	246.6	20.64	14.13	19.89	6.0	238.4	19.96	6.1	243.1	0.94	0.00	1.65
17	5	6	75	7.1	254.0	20.61	16.05	11.29	7.9	252.7	19.77	8.2	258.7	0.91	0.00	1.32
18	5	6	75	8.2	272.0	20.41	16.68	11.65	8.9	266.6	19.81	8.7	268.5	0.74	0.00	0.89
19	5	6	75	2.8	224.9	19.16	16.32	11.95	3.8	239.9	18.92	5.5	240.4	0.33	0.00	0.41
20	5	6	75	1.9	130.2	16.94	21.91	14.56	1.7	50.6	15.39	2.2	106.4	-0.24	0.00	0.10
21	5	6	75	2.9	189.9	16.48	23.54	10.14	3.8	188.7	16.16	4.3	171.1	-0.86	0.00	0.03
22	5	6	75	4.8	219.1	17.02	22.05	7.77	4.6	199.9	16.68	4.6	184.8	-0.35	0.00	0.02
23	5	6	75	3.7	235.7	17.17	21.46	6.22	3.2	223.5	16.63	3.4	218.9	-0.28	0.00	0.02

RIO BLANCO OIL SHALE PROJECT   60 METER TOWER

				10 - METER LEVEL					30 - METER LEVEL			60 - METER LEVEL				
HR	DY	MO	YR	WS10	WDR10	AT10	RH10	SG10	WS30	WDR30	AT30	WS60	WDR60	DT60	PREC	SI
0	6	6	75	10.6	252.1	17.57	19.59	2.98	10.2	251.4	18.07	10.5	259.4	-0.73	0.00	0.02
1	6	6	75	10.4	256.7	17.20	19.53	4.24	11.7	263.5	17.86	12.7	274.3	-1.00	0.00	0.02
2	6	6	75	7.8	264.5	15.19	20.53	5.44	11.2	268.0	16.22	13.4	279.2	-1.69	0.00	0.02
3	6	6	75	7.1	282.6	14.05	21.92	5.88	7.1	304.4	14.58	8.2	325.8	-1.71	0.00	0.02
4	6	6	75	5.1	303.3	13.62	22.93	15.58	5.3	347.5	14.05	6.0	7.8	-1.10	0.00	0.02
5	6	6	75	3.7	309.2	13.55	23.35	16.62	5.9	347.3	13.88	8.5	2.9	-1.12	0.00	0.03
6	6	6	75	3.7	206.0	13.53	23.54	10.87	4.7	196.6	13.87	4.6	189.2	-0.85	0.00	0.07
7	6	6	75	2.0	168.3	15.38	18.82	10.20	2.6	166.3	15.08	3.3	157.8	0.34	0.00	0.39
8	6	6	75	4.2	150.9	16.73	17.02	14.30	4.4	148.6	16.21	4.6	157.6	0.69	0.00	1.03
9	6	6	75	4.6	81.9	17.65	18.73	13.81	5.1	77.9	16.99	5.7	87.1	0.86	0.00	1.34
10	6	6	75	3.9	72.2	999.00	999.00	12.72	4.9	72.4	19.64	4.1	79.4	999.00	0.00	999.00
11	6	6	75	4.2	82.4	18.87	999.00	13.57	3.8	61.2	19.52	5.2	54.0	1.00	0.00	999.00
12	6	6	75	10.9	262.6	19.51	999.00	18.04	13.0	262.1	19.91	12.3	255.1	0.78	0.00	999.00
13	6	6	75	9.8	254.2	20.29	999.00	12.72	12.7	252.7	20.18	13.0	254.5	1.13	0.00	999.00
14	6	6	75	9.2	306.1	20.88	999.00	10.06	12.0	298.6	20.37	10.6	280.7	1.21	0.00	999.00
15	6	6	75	10.3	262.9	20.94	999.00	11.28	11.8	270.9	20.52	14.4	999.0	1.00	0.00	999.00
16	6	6	75	8.9	268.6	21.06	999.00	11.91	10.1	259.7	20.76	9.1	999.0	1.01	0.00	999.00
17	6	6	75	9.2	259.8	21.17	999.00	10.65	11.7	273.8	20.64	13.1	999.0	0.96	0.00	999.00
18	6	6	75	8.8	281.2	21.25	999.00	11.84	10.7	257.3	20.72	12.7	999.0	0.81	0.00	999.00
19	6	6	75	5.9	285.4	20.82	999.00	7.96	8.3	288.8	20.51	9.7	324.6	0.57	0.00	999.00
20	6	6	75	6.0	291.2	19.32	19.05	4.74	5.6	310.3	19.35	6.5	324.2	-0.72	0.00	0.11
21	6	6	75	3.2	285.5	17.30	19.15	3.98	2.5	294.2	19.07	1.8	296.3	-2.66	0.00	0.05
22	6	6	75	4.9	219.4	19.17	18.97	6.01	4.8	194.4	18.94	4.5	184.3	-0.48	0.00	0.02
23	6	6	75	6.2	230.9	18.92	18.69	5.86	6.2	210.7	18.86	6.3	191.5	-0.30	0.00	0.01

RIO BLANCO OIL SHALE PROJECT 60 METER TOWER

				10 - METER LEVEL					30 - METER LEVEL			60 - METER LEVEL				
HR	DY	MO	YR	WS10	WDR10	AT10	RH10	SG10	WS30	WDR30	AT30	WS60	WDR60	DT60	PREC	SI
0	7	6	75	6.4	227.5	18.15	18.90	7.52	7.4	219.6	18.64	8.6	210.2	-1.34	0.00	0.01
1	7	6	75	12.6	232.8	18.01	19.04	10.23	15.9	229.8	18.15	19.5	239.4	-0.45	0.00	0.01
2	7	6	75	17.8	319.0	16.88	20.75	14.67	20.7	315.1	16.97	22.4	315.8	-0.17	0.00	0.00
3	7	6	75	10.0	280.2	16.24	20.93	6.32	14.3	288.0	16.98	16.8	301.2	-1.61	0.00	0.01
4	7	6	75	8.7	251.6	18.17	19.54	2.45	8.1	251.8	18.11	8.0	255.9	-0.15	0.00	0.01
5	7	6	75	8.0	303.8	14.95	21.37	12.83	9.4	298.9	15.24	9.7	298.2	-0.91	0.00	0.01
6	7	6	75	2.9	217.2	15.15	20.35	7.03	3.3	246.3	15.54	3.1	268.2	-0.86	0.00	0.16
7	7	6	75	8.6	264.1	15.88	21.22	6.30	11.9	265.0	16.00	13.3	275.0	-0.54	0.00	0.22
8	7	6	75	9.8	270.5	16.50	20.50	8.68	11.0	263.9	15.71	11.5	267.2	0.75	0.00	0.83
9	7	6	75	10.2	287.0	16.56	21.42	9.97	11.5	285.8	15.57	12.0	290.5	0.89	0.00	1.05
10	7	6	75	8.9	296.4	16.66	21.01	9.87	10.5	293.6	15.74	10.8	296.4	0.97	0.00	1.23
11	7	6	75	9.8	344.4	17.33	21.83	26.48	11.1	334.4	16.15	11.1	336.0	1.08	0.00	1.16
12	7	6	75	13.6	313.8	13.91	27.41	8.88	15.9	311.0	15.25	16.8	313.9	999.00	0.00	0.50
13	7	6	75	9.9	298.9	15.98	30.55	10.57	11.1	300.7	15.16	12.0	303.2	0.57	0.00	0.52
14	7	6	75	19.0	298.9	17.16	22.87	9.10	21.8	295.0	16.00	23.0	299.2	0.86	0.00	0.79
15	7	6	75	9.6	261.5	16.35	22.77	10.86	11.0	260.4	15.85	12.7	268.6	0.48	0.00	0.54
16	7	6	75	10.0	331.1	17.11	21.73	20.36	10.9	323.6	16.33	11.6	330.0	0.77	0.00	0.87
17	7	6	75	13.0	36.8	12.95	34.70	12.54	14.8	32.2	12.40	15.3	39.3	0.59	0.00	0.26
18	7	6	75	7.2	59.5	8.80	80.01	7.57	8.6	53.1	8.00	10.7	59.4	0.51	0.00	0.08
19	7	6	75	9.0	349.5	6.03	85.25	29.28	11.1	345.9	7.17	11.9	354.2	999.00	0.00	0.03
20	7	6	75	4.4	125.6	7.55	86.00	7.77	5.1	114.6	6.99	4.9	117.2	0.37	0.00	0.02
21	7	6	75	1.1	108.8	7.65	85.42	7.86	0.8	99.4	6.99	1.1	100.8	0.50	0.00	0.01
22	7	6	75	5.0	203.3	7.81	84.81	9.43	6.2	200.7	7.35	7.8	207.9	0.40	0.00	0.01
23	7	6	75	5.6	259.0	8.41	85.12	14.10	7.8	257.0	8.11	10.7	271.9	0.03	0.00	0.01

RIO BLANCO OIL SHALE PROJECT 60 METER TOWER

				10 - METER LEVEL					30 - METER LEVEL			60 - METER LEVEL				
HR	DY	MO	YR	WS10	WDR10	AT10	RH10	SG10	WS30	WDR30	AT30	WS60	WDR60	DT60	PREC	SI
0	8	6	75	12.4	291.9	3.21	82.31	7.86	15.1	283.6	7.89	16.3	289.5	0.27	0.00	0.01
1	8	6	75	4.0	245.8	8.16	81.82	9.15	4.6	251.9	7.77	5.7	276.3	0.25	0.00	0.01
2	8	6	75	1.7	0.6	8.20	81.95	25.35	3.0	355.6	7.60	3.8	358.9	0.20	0.00	0.01
3	8	6	75	2.9	261.8	8.11	83.01	5.34	3.2	264.6	7.40	3.6	261.5	0.27	0.00	0.01
4	8	6	75	5.0	252.6	7.79	83.47	5.97	5.7	249.2	7.41	6.4	264.1	0.28	0.00	0.01
5	8	6	75	9.8	220.9	7.51	83.39	10.51	11.2	222.7	7.10	14.3	243.5	0.34	0.00	0.01
6	8	6	75	5.3	291.2	7.72	79.51	9.76	6.6	290.0	7.48	7.6	302.9	0.14	0.00	0.09
7	8	6	75	4.2	36.5	8.22	76.30	8.27	4.7	22.9	7.72	4.4	39.3	0.52	0.00	0.35
8	8	6	75	5.0	171.4	9.71	56.57	10.93	4.7	181.0	9.26	5.0	208.1	0.60	0.00	0.88
9	8	6	75	4.9	258.3	11.96	37.40	19.50	5.4	251.3	11.88	5.4	243.5	0.76	0.00	1.40
10	8	6	75	10.6	258.7	12.13	40.17	8.81	11.5	255.5	11.25	11.3	258.5	0.85	0.00	1.50
11	8	6	75	9.6	280.9	11.67	49.17	9.47	11.1	277.4	10.96	11.7	279.6	0.74	0.00	1.03
12	8	6	75	10.9	261.2	11.41	53.16	8.64	11.8	255.8	10.73	13.3	261.3	0.68	0.00	0.74
13	8	6	75	7.9	231.1	13.97	47.33	15.91	9.0	229.3	11.51	9.7	240.1	1.26	0.00	1.06
14	8	6	75	9.8	274.6	7.92	48.88	10.05	12.3	275.1	11.25	14.9	285.5	999.00	0.00	999.00
15	8	6	75	13.2	316.2	10.96	48.50	8.45	14.7	309.8	10.40	16.7	311.8	0.46	999.00	0.45
16	8	6	75	6.0	256.9	12.17	31.42	16.70	7.0	239.4	11.56	9.0	235.8	0.65	0.00	0.60
17	8	6	75	6.1	251.4	12.33	27.59	17.36	7.1	245.8	11.72	9.1	242.7	0.65	0.00	0.64
18	8	6	75	11.2	63.6	10.38	35.89	8.55	11.2	59.3	9.78	12.1	66.1	0.67	0.01	0.65
19	8	6	75	8.2	41.5	7.82	75.80	13.35	1.0	35.8	6.93	11.0	43.4	0.58	0.00	0.45
20	8	6	75	999.0	999.0	999.00	999.00	999.00	999.0	999.0	999.00	999.0	999.0	999.00	0.00	999.00
21	8	6	75	999.0	999.0	999.00	999.00	999.00	999.0	999.0	999.00	999.0	999.0	999.00	0.02	999.00
22	8	6	75	999.0	959.0	999.00	999.00	999.00	999.0	999.0	999.00	999.0	999.0	999.00	0.00	999.00
23	8	6	75	999.0	999.0	999.00	999.00	999.00	999.0	999.0	999.00	999.0	999.0	999.00	0.00	999.00

RIO BLANCO OIL SHALE PROJECT 60 METER TOWER

				10 - METER LEVEL					30 - METER LEVEL			60 - METER LEVEL				
HR	DY	MO	YR	WS10	WDR10	AT10	RH10	SG10	WS30	WDR30	AT30	WS60	WDR60	DT60	PREC	SI
0	9	6	75	999.0	999.0	999.00	999.00	999.00	999.0	999.0	999.00	999.0	999.0	999.00	0.00	999.00
1	9	6	75	999.0	999.0	999.00	999.00	999.00	999.0	999.0	999.00	999.0	999.0	999.00	0.00	999.00
2	9	6	75	2.3	357.0	4.65	72.29	30.97	3.8	21.7	3.98	6.0	36.4	-0.14	0.00	0.01
3	9	6	75	3.0	300.5	4.33	72.14	13.14	2.9	332.5	3.55	5.0	28.2	-0.41	0.00	0.01
4	9	6	75	3.9	292.5	4.46	69.11	6.73	2.3	330.2	3.53	3.4	51.3	-0.28	0.00	0.01
5	9	6	75	2.7	310.0	4.37	63.57	9.94	2.6	347.2	3.41	4.2	46.1	-0.18	0.00	0.02
6	9	6	75	1.3	233.1	2.72	71.06	9.90	0.9	301.1	2.02	1.4	315.2	0.20	0.00	0.14
7	9	6	75	2.0	37.4	4.25	40.03	18.42	1.9	21.6	4.17	2.4	35.0	0.62	0.00	0.49
8	9	6	75	6.9	54.1	4.71	42.88	9.44	6.8	48.6	3.88	7.0	58.2	0.82	0.00	999.00
9	9	6	75	5.4	65.4	5.80	46.08	13.48	6.1	56.1	4.88	6.8	61.5	0.79	0.00	999.00
10	9	6	75	8.1	68.0	7.08	35.33	11.46	9.0	57.1	5.93	9.2	64.1	0.86	999.00	1.30
11	9	6	75	10.2	57.6	7.32	999.00	11.91	999.0	999.0	5.71	999.0	999.0	0.82	0.00	999.00
12	9	6	75	9.5	38.7	8.23	27.20	12.79	10.5	33.8	7.17	10.2	39.9	0.88	0.01	1.26
13	9	6	75	9.6	36.0	9.09	24.80	18.68	10.5	32.5	7.90	11.2	34.7	0.99	0.00	1.32
14	9	6	75	10.6	47.2	9.36	22.70	9.45	11.6	40.4	8.28	12.0	45.5	0.90	0.00	1.00
15	9	6	75	10.0	31.1	8.74	26.15	16.71	11.9	23.0	7.96	13.0	25.7	0.46	0.00	0.35
16	9	6	75	13.3	337.2	7.19	43.10	21.10	15.1	331.7	6.31	16.1	337.2	0.66	0.00	0.33
17	9	6	75	11.3	207.5	3.72	62.73	13.51	13.9	215.2	2.99	19.1	225.9	0.44	0.00	0.16
18	9	6	75	6.7	225.8	5.24	69.85	10.52	7.9	233.9	4.66	8.4	252.7	-0.18	0.00	0.13
19	9	6	75	6.4	275.0	5.64	54.91	8.69	7.9	276.0	5.03	8.8	289.4	0.34	0.00	0.13
20	9	6	75	3.7	111.2	5.14	56.94	6.03	4.7	101.0	4.54	5.2	112.5	0.16	0.00	0.06
21	9	6	75	3.5	244.5	4.68	73.63	7.07	3.7	225.6	3.97	3.8	207.3	0.19	0.00	0.03
22	9	6	75	7.0	240.8	4.71	65.91	4.02	6.9	231.1	4.29	6.7	224.3	0.02	0.00	0.03
23	9	6	75	6.9	294.4	4.76	67.42	3.56	7.4	301.4	4.41	7.1	311.8	-0.14	0.00	0.03

RIO BLANCO OIL SHALE PROJECT 60 METER TOWER

				10 - METER LEVEL					30 - METER LEVEL			60 - METER LEVEL				
HR	DY	MO	YR	WS10	WDR10	AT10	RH10	SG10	WS30	WDR30	AT30	WS60	WDR60	DT60	PREC	SI
0	10	6	75	10.0	302.4	4.50	71.35	7.36	12.2	300.7	3.91	13.8	305.2	0.26	0.00	0.03
1	10	6	75	6.6	281.6	3.92	75.44	6.87	7.9	286.4	3.33	9.1	297.3	0.23	0.00	0.03
2	10	6	75	5.6	323.2	3.59	76.04	7.33	7.9	328.2	3.29	10.0	343.6	-0.33	0.00	0.03
3	10	6	75	8.8	311.7	3.45	76.79	8.47	11.3	312.8	2.87	13.4	320.5	0.20	0.00	0.03
4	10	6	75	3.2	50.6	2.75	77.19	22.82	4.1	12.9	1.95	4.7	337.6	0.39	0.00	0.03
5	10	6	75	8.3	321.0	2.02	79.03	6.89	10.1	324.0	1.55	11.5	334.5	0.06	0.00	0.04
6	10	6	75	5.4	337.2	2.55	77.27	17.57	7.1	337.2	1.77	8.0	342.9	0.56	0.00	0.11
7	10	6	75	6.4	20.2	3.37	70.59	17.94	7.0	15.4	2.55	7.4	20.3	0.64	0.00	0.22
8	10	6	75	9.7	31.5	4.31	61.37	11.86	11.0	25.3	3.40	11.6	29.9	0.75	0.00	0.31
9	10	6	75	12.9	27.3	4.48	60.15	14.75	14.1	20.5	3.46	14.5	25.0	0.82	0.00	0.49
10	10	6	75	13.4	24.9	4.73	57.49	15.59	14.7	20.7	3.60	15.2	22.6	0.74	0.00	0.44
11	10	6	75	15.7	27.0	5.50	51.38	10.38	17.8	21.4	4.52	18.1	26.8	0.73	0.00	0.50
12	10	6	75	15.2	11.3	6.34	49.38	24.33	17.3	3.5	5.23	17.7	12.2	0.90	0.00	0.59
13	10	6	75	15.7	11.4	7.39	41.28	19.97	16.7	5.8	6.25	16.8	7.9	0.39	0.00	0.39
14	10	6	75	13.4	50.4	6.18	54.75	15.27	14.5	46.0	5.23	17.2	52.7	0.79	0.00	0.53
15	10	6	75	4.1	118.3	5.19	66.75	16.17	4.5	98.0	4.37	4.8	102.1	0.77	0.00	0.59
16	10	6	75	9.0	67.5	7.34	32.03	10.09	9.8	63.6	6.40	10.2	66.9	0.91	0.00	0.90
17	10	6	75	12.6	74.6	7.92	33.64	9.21	14.8	71.2	6.63	16.6	77.0	0.91	0.00	0.73
18	10	6	75	6.3	70.6	7.73	33.37	9.59	7.7	64.5	6.92	8.5	66.5	0.63	0.00	0.36
19	10	6	75	10.7	42.2	8.02	31.11	6.98	12.3	39.8	7.33	13.3	43.8	0.51	0.00	0.26
20	10	6	75	3.6	333.0	6.49	45.58	18.88	5.0	7.2	6.26	6.8	27.9	-0.39	0.00	0.08
21	10	6	75	2.9	289.5	5.78	55.42	9.81	3.0	323.0	4.62	5.0	12.4	-0.73	0.00	0.04
22	10	6	75	5.7	301.1	5.38	55.04	6.93	6.4	324.3	5.38	6.9	2.0	-1.21	0.00	0.03
23	10	6	75	8.1	286.0	5.77	51.52	4.55	7.5	303.0	5.58	6.7	325.8	-0.45	0.00	0.03

RIO BLANCO OIL SHALE PROJECT 60 METER TOWER

				10 - METER LEVEL					30 - METER LEVEL			60 - METER LEVEL				
HR	DY	MO	YR	WS10	WDR10	AT10	RH10	SG10	WS30	WDR30	AT30	WS60	WDR60	DT60	PREC	SI
0	11	6	75	6.7	296.4	5.04	999.00	4.52	8.0	320.2	5.59	8.9	331.8	1.12	0.00	999.00
1	11	6	75	7.3	288.7	4.99	999.00	6.17	13.8	291.0	5.06	12.9	324.2	1.31	0.00	999.00
2	11	6	75	8.6	277.2	4.27	999.00	4.66	9.8	304.4	5.42	11.3	316.1	1.25	0.00	999.00
3	11	6	75	9.5	279.6	5.14	999.00	5.84	5.0	288.7	4.27	8.4	327.4	0.08	0.00	999.00
4	11	6	75	6.9	281.5	4.96	999.00	7.29	3.0	230.5	4.56	3.5	306.6	0.30	0.00	999.00
5	11	6	75	3.2	248.1	5.28	999.00	5.53	3.0	208.6	4.59	2.7	216.9	0.01	0.00	999.00
6	11	6	75	5.2	216.9	6.15	999.00	10.05	3.6	187.8	4.63	4.0	215.7	0.48	0.00	999.00
7	11	6	75	2.4	147.2	7.29	999.00	12.71	5.7	116.3	4.72	3.7	144.9	0.80	0.00	999.00
8	11	6	75	4.0	154.1	8.77	999.00	11.93	4.1	144.7	6.27	7.5	97.4	0.83	0.00	999.00
9	11	6	75	5.5	223.6	9.21	999.00	59.26	7.2	234.4	8.03	8.0	248.8	0.89	0.00	999.00
10	11	6	75	5.3	272.1	10.10	22.18	20.22	6.4	270.3	9.02	6.6	267.9	0.94	0.00	1.25
11	11	6	75	4.4	21.2	10.96	20.77	23.28	4.5	339.2	9.96	4.7	147.4	0.89	0.00	1.44
12	11	6	75	7.3	275.4	11.79	19.77	20.92	8.2	278.5	10.44	9.1	273.0	1.09	0.00	1.53
13	11	6	75	6.8	227.4	12.70	19.43	19.57	6.9	228.1	11.48	8.5	231.3	0.98	0.00	1.55
14	11	6	75	10.0	276.4	13.83	19.40	12.10	11.1	264.1	12.38	11.7	258.8	0.98	0.00	1.47
15	11	6	75	11.8	281.8	14.70	18.09	12.73	12.8	278.5	13.29	13.5	279.0	1.05	0.00	1.34
16	11	6	75	13.1	270.3	15.32	18.04	12.56	14.5	264.0	14.03	16.0	267.1	0.97	0.00	1.12
17	11	6	75	10.1	259.0	15.64	17.95	10.15	11.5	254.6	14.52	12.5	256.7	0.95	0.00	0.86
18	11	6	75	7.6	231.8	15.34	18.16	14.23	8.6	231.5	14.52	10.1	231.8	0.69	0.00	0.56
19	11	6	75	4.0	227.5	14.40	18.30	14.31	5.6	230.3	13.90	8.2	235.5	0.29	0.00	0.28
20	11	6	75	8.4	261.4	12.17	25.19	4.99	10.1	255.7	11.87	11.1	249.6	-0.10	0.00	0.08
21	11	6	75	10.2	244.7	11.78	24.44	6.15	13.5	240.9	11.56	15.1	241.7	-0.36	0.00	0.04
22	11	6	75	9.0	249.5	11.79	23.63	5.49	11.4	245.9	11.58	13.0	248.7	-0.31	0.00	0.03
23	11	6	75	3.6	236.5	10.96	23.73	17.92	5.6	275.1	11.09	8.0	257.2	-1.16	0.00	0.03

```
                          RIO BLANCO OIL SHALE PROJECT   60 METER TOWER

                      10 - METER LEVEL                   30 - METER LEVEL               60 - METER LEVEL
HR DY MO YR    WS10  WDR10   AT10    RH10    SG10      WS30  WDR30   AT30      WS60  WDR60   DT60    PREC    SI
++ ++ ++ ++   +-----------------------------------+    +-------------------+   +-------------------+   +------------+

 0 12  6 75     7.6  227.2  10.32   25.22    5.88       9.9  237.5  10.74      12.2  252.6  -1.73    0.00   0.03
 1 12  6 75    10.6  250.2  11.42   23.11    6.16      14.5  254.5  11.79      17.7  261.0  -1.37    0.00   0.03
 2 12  6 75    12.7  251.7  11.11   23.31    6.18      16.1  252.7  11.25      19.9  259.5  -1.23    0.00   0.03
 3 12  6 75    11.5  254.5  11.06   23.50    6.83      16.1  256.8  11.26      19.6  262.2  -1.05    0.00   0.03
 4 12  6 75     3.9  133.5   9.40   24.00   16.87       5.8  170.1   9.44       9.4  263.6  -1.48    0.00   0.03
 5 12  6 75     3.6  122.2   9.97   25.74   19.86       4.1  115.9   9.70       3.4  234.4  -0.74    0.00   0.04
 6 12  6 75     2.9   53.7  10.41   19.74   13.50       2.9   70.4  10.52       2.8   75.7  -0.54    0.00   0.17
 7 12  6 75     4.8   64.1  11.32   17.43   10.24       4.8   50.4  11.02       4.0   70.5   0.17    0.00   0.43
 8 12  6 75     3.1   72.9  13.50   17.59   17.63       2.8   55.8  13.29       2.8   77.4   0.72    0.00   0.72
 9 12  6 75     4.0  106.5  15.88   18.18   18.86       4.4   74.6  15.23       4.6  142.4   0.66    0.00   0.99
10 12  6 75     9.8  267.2  17.38   17.85   10.96      10.8  261.8  16.04      11.5  265.5   1.06    0.00   1.23
11 12  6 75     7.5  247.6  18.60   17.42   18.33       8.1  243.7  17.30       8.3  254.0   1.02    0.00   1.39
12 12  6 75     7.0  230.2  19.11   16.46   21.78       7.6  227.5  17.86       9.1  237.6   1.05    0.00   1.56
13 12  6 75     8.1  234.5  19.85   15.73   20.18       9.0  234.8  18.37      10.5  243.4   1.25    0.00   1.52
14 12  6 75    13.1  197.1  18.76   16.94   14.05      15.6  198.5  17.49      18.5  211.6   0.92    0.00   1.03
15 12  6 75     8.5  217.3  18.31   17.03   15.66      10.2  207.6  17.42      13.3  223.2   0.74    0.00   0.61
16 12  6 75    12.0  252.1  18.42   17.72   11.93      13.6  245.0  17.56      15.4  251.6   0.60    0.00   0.61
17 12  6 75    11.3  258.0  18.42   16.53    9.99      12.5  250.0  17.42      12.9  247.9   0.81    0.00   0.80
18 12  6 75     5.8  249.8  17.20   17.88   11.28       6.9  236.4  16.60       9.4  239.7   0.27    0.00   0.40
19 12  6 75     6.4  248.3  17.41   17.73    6.35       8.4  245.0  17.02       9.9  252.1   0.03    0.00   0.22
20 12  6 75     9.2  249.8  15.60   19.93    4.41       9.7  236.0  15.58      11.7  226.6  -1.28    0.00   0.07
21 12  6 75    10.7  255.5  15.23   20.60    4.53      12.1  243.4  15.33      13.4  232.2  -1.30    0.00   0.04
22 12  6 75     8.8  243.1  14.95   20.19    6.81      10.7  222.4  15.42      12.2  215.8  -1.74    0.00   0.00
23 12  6 75    12.8  254.7  15.04   20.06    3.83      14.9  248.8  15.51      16.1  243.2  -1.27    0.00   0.00
```

RIO BLANCO OIL SHALE PROJECT 60 METER TOWER

				10 - METER LEVEL					30 - METER LEVEL			60 - METER LEVEL				
HR	DY	MO	YR	WS10	WDR10	AT10	RH10	SG10	WS30	WDR30	AT30	WS60	WDR60	DT60	PREC	SI
0	13	6	75	12.6	247.9	15.57	19.62	3.73	13.5	244.3	16.31	14.8	252.8	-1.23	0.00	0.00
1	13	6	75	11.9	250.0	15.23	19.78	4.15	14.2	251.4	15.98	15.5	258.7	-1.32	0.00	0.00
2	13	6	75	13.8	245.7	15.05	19.03	4.91	16.1	248.5	15.92	16.7	259.6	-1.43	0.00	0.00
3	13	6	75	14.3	246.0	15.09	19.87	4.86	16.2	249.8	15.97	16.0	261.5	-1.62	0.00	0.00
4	13	6	75	14.2	248.8	14.00	20.36	5.19	17.6	249.7	14.93	19.1	257.0	-1.95	0.00	0.00
5	13	6	75	13.1	250.5	14.51	20.17	4.30	14.5	255.2	15.33	15.5	269.1	-1.53	0.00	999.00
6	13	6	75	12.3	243.1	14.51	19.73	5.79	15.9	245.3	15.21	17.2	252.1	-1.15	0.00	999.00
7	13	6	75	11.7	250.6	16.59	18.36	8.07	13.5	248.1	15.82	16.4	254.9	0.54	0.00	999.00
8	13	6	75	12.3	257.1	17.64	18.04	8.64	13.7	255.0	16.67	15.2	262.5	0.70	0.00	999.00
9	13	6	75	11.0	258.7	18.35	18.30	9.56	11.9	254.9	17.28	12.4	252.5	0.76	0.00	999.00
10	13	6	75	13.7	265.4	19.20	18.04	11.05	15.3	264.1	17.91	15.4	268.6	0.84	0.00	999.00
11	13	6	75	13.3	269.5	20.53	17.57	11.56	16.0	265.7	19.06	17.1	270.0	1.06	0.00	999.00
12	13	6	75	21.1	269.9	21.17	17.02	11.04	24.0	266.7	19.47	25.2	272.3	1.05	0.00	999.00
13	13	6	75	14.6	285.5	21.77	16.32	11.95	16.6	280.4	20.30	17.6	285.1	1.02	0.00	999.00
14	13	6	75	17.4	277.3	22.62	15.81	11.79	19.5	275.3	21.04	21.5	277.6	0.99	0.00	999.00
15	13	6	75	16.6	269.0	22.47	15.93	10.11	19.5	264.3	21.19	21.4	271.9	0.90	0.00	999.00
16	13	6	75	14.7	272.5	22.26	16.16	9.93	18.4	270.4	21.29	20.7	277.1	0.60	0.00	999.00
17	13	6	75	16.6	265.4	22.35	16.01	9.18	19.1	265.8	21.47	20.1	269.4	0.57	0.00	999.00
18	13	6	75	17.3	293.5	21.04	17.02	8.51	20.5	288.0	20.45	24.0	293.7	0.23	0.00	999.00
19	13	6	75	13.5	295.1	19.62	18.09	7.75	17.1	290.6	19.23	19.4	297.0	0.00	0.00	999.00
20	13	6	75	11.8	285.8	18.48	18.78	7.77	14.8	283.9	18.31	17.7	292.1	-0.31	0.00	999.00
21	13	6	75	10.8	278.4	17.88	19.24	6.52	13.9	277.6	17.86	15.9	287.0	-0.54	0.00	999.00
22	13	6	75	9.5	265.3	17.90	19.36	6.48	12.2	267.6	17.80	13.4	276.7	-0.34	0.00	999.00
23	13	6	75	10.2	270.1	17.09	19.64	5.41	13.1	274.9	17.32	14.5	285.2	-0.76	0.00	999.00

```
                                      RIO BLANCO OIL SHALE PROJECT   60 METER TOWER

                       10 - METER LEVEL                          30 - METER LEVEL               60 - METER LEVEL
HR DY MO YR     WS10  WDR10    AT10     RH10     SG10       WS30   WDR30     AT30      WS60   WDR60     DT60      PREC     SI
++ ++ ++ ++    +------------------------------------------+  +----------------------+  +------------------------+  +------------+

 0 14  6 75     10.2  238.7   16.50    10.21     4.85       12.1   241.1    16.70      13.5   253.8    -0.77      0.00  999.00
 1 14  6 75      9.7  243.3   16.47    20.14     7.02       12.4   241.7    16.37      15.0   249.0    -0.68      0.00  999.00
 2 14  6 75     11.6  264.4   17.20    19.59     8.93       14.4   260.6    16.92      16.9   266.8    -0.17      0.00  999.00
 3 14  6 75     16.4  278.9   16.30    19.81     8.49       20.3   278.3    15.94      22.9   280.8    -0.05      0.00  999.00
 4 14  6 75     20.6  291.9   15.33    20.47     7.74       24.5   290.6    14.91      27.2   294.7     0.10      0.00  999.00
 5 14  6 75     13.6  288.9   13.78    22.54     7.78       17.5   284.2    13.47      20.1   290.8    -0.08      0.00  999.00
 6 14  6 75      9.3  283.5   12.83    24.23     8.35       12.5   286.2    12.69      14.8   298.6    -0.33      0.00  999.00
 7 14  6 75     10.6  304.7   12.94    23.63     8.15       13.6   302.3    12.60      15.4   309.7    -0.03      0.00  999.00
 8 14  6 75     17.9  316.0   15.34    21.00    11.70       20.2   311.3    14.26      20.8   314.6     0.75      0.00  999.00
 9 14  6 75     15.4  307.4   15.89    21.18     9.75       16.8   305.0    14.66      17.9   309.2     0.78      0.00  999.00
10 14  6 75     10.8  304.5   16.94    20.09    15.13       12.6   300.5    15.47      13.4   302.9     1.13      0.00  999.00
11 14  6 75     14.5  261.2   17.84    18.87    10.71       15.8   259.7    16.38      16.6   259.9     1.04      0.00  999.00
12 14  6 75     14.0  264.3   18.67    18.16    11.85       15.6   262.3    17.27      17.0   266.8     0.98      0.00  999.00
13 14  6 75     15.4  268.7   19.63    17.16    12.74       16.4   266.4    18.10      18.0   270.5     1.00      0.00  999.00
14 14  6 75     14.2  300.2   20.15    16.72    12.04       16.6   294.3    18.60      17.9   297.2     1.07      0.00  999.00
15 14  6 75     16.5  296.4   20.67    16.50    10.68       18.3   294.0    19.34      18.9   296.5     0.84      0.00  999.00
16 14  6 75     13.9  286.8   21.24    15.83    11.05       15.7   284.7    19.94      17.0   291.1     0.94      0.00  999.00
17 14  6 75     17.4  298.1   21.01    16.06     8.95       20.0   284.6    19.89      22.1   291.0     0.74      0.00  999.00
18 14  6 75     11.5  282.3   19.75    17.35     8.57       13.6   280.6    19.27      15.9   283.9     0.15      0.00  999.00
19 14  6 75     15.7  286.3   18.95    17.81     8.20       20.0   283.0    18.73      22.6   290.3    -0.14      0.00  999.00
20 14  6 75     11.9  286.8   17.36    18.66     7.11       16.1   287.1    17.45      19.2   294.7    -0.62      0.00  999.00
21 14  6 75     13.4  285.2   16.51    18.95     7.23       17.6   286.6    16.39      20.1   293.1    -0.32      0.00  999.00
22 14  6 75     10.2  277.2   15.12    19.64     6.69       13.5   276.5    15.14      16.7   285.7    -0.69      0.00  999.00
23 14  6 75     12.9  278.4   14.45    19.85     6.95       16.9   276.1    14.49      20.6   283.5    -0.77      0.00    0.03
```

RIO BLANCO OIL SHALE PROJECT 60 METER TOWER

				10 - METER LEVEL					30 - METER LEVEL			60 - METER LEVEL				
HR	DY	MO	YR	WS10	WDR10	AT10	RH10	SG10	WS30	WDR30	AT30	WS60	WDR60	DT60	PREC	SI
0	15	6	75	8.2	272.2	14.14	20.27	7.32	11.5	272.5	14.04	15.1	264.1	-0.66	0.00	0.03
1	15	6	75	9.9	257.0	14.00	20.46	5.63	12.3	260.5	14.26	14.5	272.1	-0.95	0.00	0.03
2	15	6	75	9.6	260.8	14.23	20.35	5.06	12.1	264.8	14.55	13.7	276.1	-0.92	0.00	0.03
3	15	6	75	9.6	264.0	14.04	20.41	5.86	13.4	266.0	14.26	14.7	276.8	-0.84	0.00	0.03
4	15	6	75	9.9	275.3	12.73	21.11	5.76	14.1	276.3	13.29	16.1	263.9	-1.36	0.00	0.03
5	15	6	75	13.0	267.1	13.72	20.58	4.61	16.0	265.7	13.95	18.0	273.2	-0.86	0.00	0.04
6	15	6	75	13.9	263.5	13.95	20.02	9.34	17.1	261.8	13.53	20.7	269.2	0.05	0.00	0.16
7	15	6	75	16.3	269.4	15.30	19.38	8.97	18.9	264.8	14.41	21.3	273.1	0.64	0.00	0.44
8	15	6	75	15.0	257.5	15.80	19.07	8.40	17.3	257.5	14.70	18.7	262.6	0.84	0.00	0.73
9	15	6	75	13.7	256.1	16.72	19.25	9.50	14.9	250.5	15.51	16.3	254.9	0.87	0.00	1.01
10	15	6	75	13.4	261.5	17.67	18.49	10.54	14.9	257.6	16.24	15.7	262.3	1.08	0.00	1.23
11	15	6	75	13.3	256.4	18.65	17.86	9.25	15.1	256.1	17.15	16.5	260.3	1.04	0.00	1.41
12	15	6	75	10.8	280.0	19.87	16.90	14.31	11.9	270.8	18.26	12.6	276.5	1.19	0.00	1.50
13	15	6	75	16.2	277.0	20.74	16.46	11.02	18.8	270.5	19.12	20.6	277.5	1.08	0.00	1.50
14	15	6	75	17.2	288.1	21.45	16.06	10.26	19.3	286.0	19.94	20.1	290.6	0.93	0.00	1.49
15	15	6	75	18.2	287.1	21.86	15.78	10.76	21.7	281.7	20.54	23.5	287.0	0.82	0.00	1.25
16	15	6	75	14.8	278.0	22.21	15.64	11.62	16.7	273.4	20.90	17.9	277.2	0.90	0.00	1.04
17	15	6	75	15.1	290.0	21.17	16.27	8.79	17.8	286.8	20.45	19.7	293.7	0.40	0.00	0.61
18	15	6	75	19.1	292.3	21.01	16.46	8.67	23.3	288.5	20.42	25.7	294.6	0.33	0.00	0.47
19	15	6	75	14.5	298.9	20.07	16.56	8.95	18.0	294.7	20.29	20.8	298.6	0.12	0.00	0.28
20	15	6	75	9.3	276.5	18.17	18.34	5.06	11.8	284.8	18.48	14.1	293.6	-1.02	0.00	0.08
21	15	6	75	7.9	258.1	18.54	18.26	5.84	10.0	263.9	18.71	11.6	274.7	-0.76	0.00	0.04
22	15	6	75	10.2	242.9	18.31	18.30	3.78	11.2	238.4	18.45	11.6	245.3	-0.70	0.00	0.03
23	15	6	75	8.7	255.4	17.61	18.50	4.22	10.4	244.1	17.67	12.1	239.3	-0.93	0.00	0.03

RIO BLANCO OIL SHALE PROJECT 60 METER TOWER

				10 - METER LEVEL					30 - METER LEVEL			60 - METER LEVEL				
HR	DY	MO	YR	WS10	WDR10	AT10	RH10	SG10	WS30	WDR30	AT30	WS60	WDR60	DT60	PREC	SI
0	16	6	75	10.7	254.7	17.71	18.49	4.36	13.3	247.3	17.74	15.1	246.5	-0.74	0.00	0.03
1	16	6	75	8.2	266.0	18.09	18.23	5.77	10.2	264.4	18.04	12.9	264.9	-0.59	0.00	0.03
2	16	6	75	9.4	246.7	15.24	24.78	5.96	12.4	250.5	15.40	15.0	257.2	-0.95	0.00	0.03
3	16	6	75	9.2	248.5	15.39	23.04	4.34	10.3	239.4	15.41	12.0	233.7	-0.80	0.00	0.03
4	16	6	75	9.4	250.3	15.42	22.27	6.77	12.5	252.4	15.26	14.6	261.5	-0.41	0.00	0.03
5	16	6	75	13.1	256.5	15.43	22.26	8.02	16.0	254.8	14.97	18.1	261.2	0.12	0.00	0.04
6	16	6	75	7.8	255.1	14.61	24.16	3.40	9.2	252.6	14.66	10.5	257.4	-0.66	0.00	0.09
7	16	6	75	5.2	233.1	16.30	21.33	12.24	5.8	227.5	15.52	8.5	236.3	0.61	0.00	0.37
8	16	6	75	9.6	254.9	16.51	20.61	8.65	11.1	248.0	15.65	12.8	254.3	0.59	0.00	0.51
9	16	6	75	13.2	258.2	17.18	20.14	9.96	14.5	250.3	16.15	15.8	252.8	0.75	0.00	0.84
10	16	6	75	13.7	259.0	18.13	19.88	10.40	15.8	256.3	16.78	16.5	264.0	1.00	0.00	1.10
11	16	6	75	12.4	281.9	18.75	19.82	12.76	13.6	277.7	17.29	14.2	281.8	1.06	0.00	1.32
12	16	6	75	15.9	283.4	19.66	18.88	10.85	18.7	284.3	18.10	20.1	291.8	1.01	0.00	999.00
13	16	6	75	19.9	292.4	18.72	19.03	8.80	22.9	290.9	17.77	24.6	292.8	0.55	0.00	0.85
14	16	6	75	20.0	299.8	17.13	19.02	10.30	22.8	298.4	17.42	26.2	302.1	999.00	0.00	0.57
15	16	6	75	25.2	305.7	18.88	17.57	9.17	30.0	302.5	17.93	32.4	304.9	0.50	0.00	0.77
16	16	6	75	22.7	300.2	18.14	17.90	8.48	27.4	293.4	17.15	29.5	298.1	0.56	0.00	0.63
17	16	6	75	17.6	305.3	17.24	18.35	8.81	20.8	301.3	16.54	22.2	306.0	0.38	0.00	0.43
18	16	6	75	19.1	305.5	16.87	18.62	8.43	22.5	301.5	16.31	24.5	304.1	0.26	0.00	0.25
19	16	6	75	12.9	306.8	16.05	18.93	7.85	16.0	303.1	15.63	18.2	307.7	0.09	0.00	0.14
20	16	6	75	8.7	304.5	15.35	19.35	8.31	11.3	303.1	15.12	13.4	308.1	-0.20	0.00	0.06
21	16	6	75	4.8	339.2	14.07	19.83	5.94	6.4	336.9	14.23	7.8	337.3	-0.73	0.00	0.04
22	16	6	75	2.5	39.0	12.42	20.53	25.71	5.2	28.9	12.10	8.1	38.1	-0.42	0.00	0.03
23	16	6	75	3.1	252.7	12.59	20.63	8.38	2.2	295.7	11.74	2.1	356.8	-0.02	0.00	0.03

RIO BLANCO OIL SHALE PROJECT 60 METER TOWER

HR	DY	MO	YR	10 - METER LEVEL WS10	WDR10	AT10	RH10	SG10	30 - METER LEVEL WS30	WDR30	AT30	60 - METER LEVEL WS60	WDR60	DT60	PREC	SI
0	17	6	75	3.9	317.2	11.98	20.64	10.58	4.2	342.2	11.52	5.2	13.1	-0.13	0.00	0.03
1	17	6	75	4.0	271.2	11.61	20.98	16.01	3.3	337.1	11.08	3.6	50.7	-0.27	0.00	0.03
2	17	6	75	3.4	280.4	11.46	21.27	10.91	2.9	332.0	10.90	3.1	51.0	-0.15	0.00	0.03
3	17	6	75	9.1	256.4	13.72	20.58	7.65	11.9	252.4	13.54	14.5	253.8	-0.51	0.00	0.03
4	17	6	75	11.3	277.5	13.97	20.14	9.25	13.2	273.6	13.51	15.3	260.3	0.13	0.00	0.03
5	17	6	75	2.0	167.6	12.85	21.31	5.52	2.6	146.8	12.11	3.9	147.3	-0.16	0.00	0.04
6	17	6	75	1.3	142.0	12.51	21.51	9.99	2.7	104.0	11.76	3.8	110.4	-0.08	0.00	0.12
7	17	6	75	2.1	79.8	12.53	20.13	15.89	2.5	81.9	12.11	3.1	113.0	0.50	0.00	0.29
8	17	6	75	2.6	17.2	12.93	20.44	26.26	2.7	15.0	12.52	2.5	24.0	0.67	0.00	0.37
9	17	6	75	4.1	71.1	13.37	19.93	9.82	4.4	63.1	12.66	4.9	78.0	0.64	0.00	0.42
10	17	6	75	3.2	74.5	13.53	20.51	9.51	3.4	65.9	12.86	3.5	83.4	0.51	0.00	0.32
11	17	6	75	6.2	234.0	15.94	19.68	19.37	7.6	223.1	15.33	12.7	223.5	0.22	0.00	0.34
12	17	6	75	12.2	246.6	17.34	18.17	11.65	14.9	238.7	16.55	18.1	244.9	0.52	0.00	0.51
13	17	6	75	12.0	205.4	18.89	16.57	15.66	16.0	201.7	17.78	17.5	220.0	0.90	0.00	0.78
14	17	6	75	16.2	194.3	19.37	16.48	13.23	21.7	188.1	18.21	24.2	197.5	0.65	0.00	0.78
15	17	6	75	14.5	206.8	19.70	16.21	16.96	18.3	204.8	18.77	22.7	218.4	0.64	0.00	0.78
16	17	6	75	14.8	206.8	19.56	16.96	13.94	18.7	201.5	18.81	23.3	214.0	0.49	0.00	0.44
17	17	6	75	8.4	265.7	17.98	18.04	10.04	9.6	261.3	17.42	10.8	259.9	0.19	0.00	0.31
18	17	6	75	9.7	307.3	15.38	20.28	11.39	11.3	313.2	14.80	13.4	319.9	0.25	0.00	0.18
19	17	6	75	14.3	22.5	15.24	20.36	16.67	16.5	27.9	14.75	16.7	26.2	0.04	0.00	0.11
20	17	6	75	10.3	54.1	13.24	21.98	14.95	12.1	43.7	12.68	13.4	51.9	0.32	0.00	0.05
21	17	6	75	4.0	325.9	12.48	24.01	19.15	4.4	333.4	12.02	5.1	12.8	-0.15	0.00	0.04
22	17	6	75	5.8	100.0	13.50	24.02	11.79	6.9	93.3	13.33	7.7	119.5	-0.68	0.00	0.04
23	17	6	75	11.8	245.1	15.96	20.34	18.35	14.0	239.2	15.49	17.6	243.9	0.03	0.00	0.03

HR	DY	MO	YR	10 - METER LEVEL WS10	WDR10	AT10	RH10	SG10	30 - METER LEVEL WS30	WDR30	AT30	60 - METER LEVEL WS60	WDR60	DT60	PREC	SI
0	18	6	75	6.5	352.0	10.71	39.82	22.18	7.1	339.2	10.11	7.1	343.4	0.35	0.00	0.04
1	18	6	75	12.9	278.4	9.72	67.14	6.94	16.4	278.5	9.23	18.9	287.3	0.12	0.00	0.03
2	18	6	75	5.1	168.1	9.12	72.65	11.64	7.1	172.3	8.72	6.7	182.7	-0.04	0.00	0.03
3	18	6	75	3.9	242.0	10.16	64.64	11.98	5.4	206.3	9.98	7.6	199.7	-0.69	0.00	0.03
4	18	6	75	3.6	210.7	3.83	56.09	14.59	4.0	121.1	8.57	7.0	126.0	-0.59	0.00	0.04
5	18	6	75	1.3	272.5	9.85	60.75	20.23	2.1	278.5	9.36	3.7	201.3	-0.67	0.00	0.04
6	18	6	75	7.2	203.9	11.64	37.99	13.88	11.5	188.9	11.47	14.4	169.2	-0.45	0.00	0.07
7	18	6	75	9.1	174.0	11.64	33.74	13.38	13.9	172.1	11.51	15.9	178.1	-0.33	0.00	0.11
8	18	6	75	10.0	182.2	12.50	26.42	13.34	14.6	177.5	11.91	16.2	183.5	0.28	0.00	0.24
9	18	6	75	16.8	185.0	12.35	25.11	11.72	22.0	183.3	11.61	23.0	188.4	0.42	0.00	0.35
10	18	6	75	12.8	192.3	10.03	35.34	11.39	16.1	188.8	9.39	18.0	195.3	0.54	0.00	0.23
11	18	6	75	10.0	260.1	8.35	45.67	8.20	10.9	257.5	7.43	11.2	264.6	0.70	0.00	0.49
12	18	6	75	14.8	259.8	6.96	54.09	8.53	15.9	255.3	5.87	17.8	255.7	0.86	0.00	0.56
13	18	6	75	10.9	274.3	6.00	77.22	9.14	12.7	266.2	4.91	14.0	269.0	0.70	0.00	0.52
14	18	6	75	9.6	321.8	5.20	74.83	11.27	10.6	317.8	4.24	10.4	320.2	0.76	0.00	0.60
15	18	6	75	14.7	300.2	3.98	76.75	7.98	15.9	298.3	3.15	16.9	302.8	0.66	0.00	0.35
16	18	6	75	12.9	259.8	3.76	77.42	6.62	14.4	255.8	2.46	15.1	259.6	0.68	0.00	0.67
17	18	6	75	10.7	194.9	6.83	44.13	13.98	14.6	190.0	5.70	15.7	199.5	0.91	0.00	0.85
18	18	6	75	12.5	195.9	6.51	71.43	13.25	16.6	196.6	4.78	19.8	205.0	1.55	0.00	0.22
19	18	6	75	6.2	166.4	4.51	78.98	15.94	9.2	165.1	3.92	10.5	173.9	0.30	0.00	0.14
20	18	6	75	9.5	210.2	3.70	77.70	20.08	13.2	204.3	3.21	18.5	223.9	0.19	0.00	0.06
21	18	6	75	5.1	85.9	3.08	79.47	14.11	6.2	83.7	2.49	6.0	126.4	0.16	0.00	0.04
22	18	6	75	4.2	152.7	2.50	81.55	12.90	6.1	151.8	2.14	6.7	176.3	-0.11	0.00	0.03
23	18	6	75	4.1	161.0	2.30	81.92	12.99	6.5	157.6	2.11	7.5	166.8	-0.32	0.00	0.03

RIO BLANCO OIL SHALE PROJECT 60 METER TOWER

				10 - METER LEVEL					30 - METER LEVEL			60 - METER LEVEL				
HR	DY	MO	YR	WS10	WDR10	AT10	RH10	SG10	WS30	WDR30	AT30	WS60	WDR60	DT60	PREC	SI
0	19	6	75	2.2	310.8	3.08	78.50	20.01	2.0	350.4	2.02	2.2	35.0	0.11	0.00	0.03
1	19	6	75	4.2	170.6	2.94	77.98	9.19	5.4	150.5	2.45	6.5	148.5	-0.17	0.00	0.03
2	19	6	75	2.8	193.9	2.53	78.47	6.41	2.3	190.4	1.05	2.7	189.3	-0.03	0.00	0.03
3	19	6	75	2.2	188.4	2.78	77.64	10.86	2.2	184.1	1.71	2.6	151.2	0.12	0.00	0.03
4	19	6	75	3.6	182.4	3.30	79.00	11.73	5.6	160.5	3.00	7.7	164.7	-0.69	0.00	0.03
5	19	6	75	4.6	181.1	3.09	63.19	17.24	7.0	161.3	3.27	10.0	163.6	-0.93	0.00	0.04
6	19	6	75	10.1	169.0	4.26	65.95	15.04	14.8	170.1	4.06	17.3	132.2	-0.20	0.00	0.07
7	19	6	75	6.8	100.9	5.07	46.57	10.00	7.5	93.6	4.45	7.4	112.5	0.49	0.00	0.36
8	19	6	75	15.3	176.4	8.48	34.21	13.58	20.9	174.3	7.43	21.4	181.9	0.60	0.00	0.64
9	19	6	75	16.9	196.3	10.31	29.42	13.30	23.5	196.6	8.92	26.2	206.7	0.83	0.00	0.99
10	19	6	75	16.3	202.5	10.82	25.57	14.71	21.3	199.3	9.54	25.1	214.4	0.89	0.00	0.98
11	19	6	75	19.5	198.9	11.75	22.70	13.46	24.2	196.6	10.31	27.0	208.3	0.63	0.00	1.16
12	19	6	75	17.2	198.8	12.64	21.21	14.03	20.6	201.3	10.91	25.9	210.9	1.07	0.00	1.42
13	19	6	75	15.7	201.1	13.62	19.50	14.28	21.1	200.7	11.90	23.9	213.0	1.26	0.00	1.52
14	19	6	75	17.8	198.6	14.04	18.23	13.94	22.7	196.5	12.33	25.5	203.5	0.96	0.00	1.40
15	19	6	75	19.1	197.2	14.56	17.90	13.37	23.9	188.9	12.84	25.9	203.1	0.66	0.00	1.26
16	19	6	75	15.5	201.0	14.39	17.75	14.63	20.0	199.4	13.23	21.2	216.5	0.86	0.00	0.97
17	19	6	75	13.0	205.4	14.32	18.10	16.79	17.0	205.8	13.40	21.7	217.5	0.63	0.00	0.67
18	19	6	75	12.5	286.5	12.12	21.88	8.19	14.7	280.0	11.35	15.3	281.7	0.70	0.00	0.55
19	19	6	75	12.6	283.9	9.43	33.15	7.00	15.3	279.0	9.03	17.1	284.6	0.37	0.00	0.27
20	19	6	75	14.4	283.0	7.12	57.03	7.30	17.3	280.6	6.67	18.7	288.4	0.07	0.00	0.08
21	19	6	75	12.8	284.6	6.40	56.63	6.44	16.1	285.1	6.07	18.0	293.8	-0.02	0.00	0.04
22	19	6	75	2.8	288.2	6.36	54.03	15.46	3.3	301.7	5.58	3.9	315.3	0.10	0.00	0.03
23	19	6	75	2.2	170.7	6.06	64.02	8.60	2.2	180.3	5.08	2.8	248.3	-0.24	0.00	0.03

RIO BLANCO OIL SHALE PROJECT 60 METER TOWER

				10 - METER LEVEL					30 - METER LEVEL			60 - METER LEVEL				
HR	DY	MO	YR	WS10	WDR10	AT10	RH10	SG10	WS30	WDR30	AT30	WS60	WDR60	DT60	PREC	SI
0	20	6	75	3.0	203.0	5.83	62.77	5.58	3.7	183.0	5.34	5.0	160.7	-0.32	0.00	0.03
1	20	6	75	6.0	232.9	6.35	59.84	4.11	5.9	207.7	6.10	6.2	193.2	-0.21	0.00	0.03
2	20	6	75	5.1	225.9	6.35	62.69	5.40	5.2	199.7	6.06	5.3	190.2	-0.16	0.00	0.03
3	20	6	75	3.6	212.8	6.11	62.04	7.42	3.9	200.0	5.90	4.6	175.6	-0.39	0.00	0.03
4	20	6	75	6.5	245.8	7.11	57.64	2.72	6.0	238.5	6.69	5.0	231.1	-0.05	0.00	0.03
5	20	6	75	1.3	16.2	7.23	56.96	16.78	1.7	76.8	5.59	2.3	103.8	-0.23	0.00	0.04
6	20	6	75	1.5	327.2	6.01	32.86	19.84	1.5	304.6	6.29	2.2	213.2	-0.17	0.00	0.17
7	20	6	75	4.1	149.5	9.23	19.47	11.85	5.1	148.7	8.60	7.1	161.1	0.52	0.00	0.43
8	20	6	75	7.8	120.9	11.84	20.51	10.20	8.2	116.8	10.87	8.7	126.4	0.92	0.00	0.72
9	20	6	75	12.2	173.4	13.24	20.56	12.18	15.0	172.7	12.32	15.9	177.7	0.69	0.00	0.64
10	20	6	75	14.5	195.3	9.88	30.18	13.80	19.5	189.2	9.29	22.5	196.6	0.48	0.00	0.33
11	20	6	75	7.7	195.8	4.80	69.83	10.19	9.9	191.4	5.14	11.7	197.5	999.00	0.00	0.13
12	20	6	75	9.5	194.3	7.41	82.23	13.04	11.7	196.4	5.06	14.1	209.1	2.03	0.00	0.18
13	20	6	75	6.1	180.1	7.59	67.38	26.03	7.0	175.7	6.68	8.4	184.4	0.75	0.00	1.04
14	20	6	75	15.1	164.2	10.50	41.16	14.89	20.1	158.9	9.63	20.3	169.6	0.69	0.00	1.10
15	20	6	75	8.7	247.9	6.84	77.80	15.63	9.7	236.2	4.70	13.1	231.2	1.41	0.00	0.56
16	20	6	75	9.5	223.1	9.96	43.85	17.31	10.8	224.7	8.94	14.1	230.3	0.90	0.00	1.03
17	20	6	75	11.3	243.5	10.58	33.02	13.86	13.2	237.4	9.82	17.3	237.2	0.65	0.00	0.69
18	20	6	75	14.0	285.5	8.21	46.46	7.54	16.1	279.3	7.43	17.3	284.2	0.75	0.00	0.57
19	20	6	75	12.8	261.0	7.83	47.62	7.37	14.8	254.6	7.24	17.7	257.4	0.29	0.00	0.29
20	20	6	75	6.4	265.2	5.57	78.06	10.00	8.2	260.8	5.07	10.1	264.7	0.14	0.00	0.09
21	20	6	75	10.0	327.6	4.82	81.68	6.64	11.2	324.9	4.44	11.1	327.3	0.03	0.00	0.04
22	20	6	75	4.7	228.9	5.14	82.92	6.03	4.9	225.4	4.51	5.6	234.0	0.20	0.00	0.03
23	20	6	75	6.6	148.3	4.14	81.92	5.21	8.0	140.0	4.05	7.4	142.7	-0.45	0.00	0.03

RIO BLANCO OIL SHALE PROJECT 60 METER TOWER

				10 - METER LEVEL					30 - METER LEVEL			60 - METER LEVEL				
HR	DY	MO	YR	WS10	WDR10	AT10	RH10	SG10	WS30	WDR30	AT30	WS60	WDR60	DT60	PREC	SI
0	21	6	75	2.9	191.3	3.82	85.77	10.17	4.5	188.6	3.78	5.5	169.1	-0.63	0.00	0.03
1	21	6	75	4.9	229.8	4.29	86.37	8.33	6.4	210.8	3.91	7.6	196.9	-0.18	0.00	0.03
2	21	6	75	4.7	245.0	5.85	79.72	5.23	4.8	230.6	5.30	5.1	203.8	-0.10	0.00	0.03
3	21	6	75	3.5	211.6	5.67	77.83	6.22	3.5	196.5	5.15	4.0	181.8	-0.33	0.00	0.03
4	21	6	75	2.8	238.6	6.15	75.04	6.86	2.5	227.1	5.47	2.4	201.1	0.11	0.00	0.03
5	21	6	75	4.2	281.8	5.26	71.45	15.63	3.8	257.2	5.27	4.8	225.0	-1.01	0.00	0.04
6	21	6	75	7.5	252.4	6.38	50.48	5.78	9.7	259.5	6.38	10.1	269.2	-0.44	0.00	0.18
7	21	6	75	5.9	259.7	7.62	41.33	9.32	6.4	255.9	6.89	6.6	252.0	0.69	0.00	0.39
8	21	6	75	7.1	208.5	8.46	35.16	13.20	8.3	201.6	7.45	8.3	214.4	0.90	0.00	0.70
9	21	6	75	9.4	251.2	9.72	36.60	12.97	10.4	248.0	8.64	10.2	249.4	0.96	0.00	1.00
10	21	6	75	8.4	266.4	10.18	36.83	12.48	9.7	261.4	9.05	10.4	258.6	0.86	0.00	1.05
11	21	6	75	9.4	273.4	11.30	33.26	14.45	10.3	264.2	9.97	10.8	276.6	1.05	0.00	1.32
12	21	6	75	11.7	194.2	6.80	50.03	11.07	14.3	199.6	7.10	18.0	210.8	999.00	0.00	0.62
13	21	6	75	8.5	246.1	11.20	36.39	16.94	10.2	241.3	10.16	11.9	237.3	0.93	0.00	0.97
14	21	6	75	14.5	248.9	9.85	61.58	8.59	17.0	248.6	6.99	19.2	253.4	2.37	0.00	0.63
15	21	6	75	10.2	247.7	11.49	30.37	14.11	11.9	240.3	10.62	12.1	240.3	0.69	0.00	0.96
16	21	6	75	16.2	248.5	8.62	66.62	9.27	19.1	249.2	7.16	22.0	252.1	1.30	0.00	0.34
17	21	6	75	6.5	243.8	6.63	75.71	6.84	8.4	249.6	6.29	9.6	256.4	999.00	0.00	0.17
18	21	6	75	10.4	251.5	8.74	46.04	8.59	12.9	246.6	8.10	15.2	256.0	0.43	0.00	0.39
19	21	6	75	11.4	254.7	8.83	43.03	5.71	13.1	257.4	8.49	14.8	269.0	0.00	0.00	0.24
20	21	6	75	8.9	237.6	8.62	50.23	2.93	9.0	235.1	8.81	9.0	244.3	-0.60	0.00	0.08
21	21	6	75	5.0	226.8	9.19	45.71	2.36	4.6	235.0	8.88	4.9	244.6	-0.15	0.00	0.04
22	21	6	75	3.1	211.5	7.95	57.65	5.34	2.2	215.2	7.34	1.0	192.9	-0.39	0.00	0.04
23	21	6	75	2.4	205.1	7.83	63.04	9.91	2.8	222.9	7.04	3.2	218.1	0.30	0.00	0.03

RIO BLANCO OIL SHALE PROJECT 60 METER TOWER

				10 - METER LEVEL					30 - METER LEVEL			60 - METER LEVEL				
HR	DY	MO	YR	WS10	WDR10	AT10	RH10	SG10	WS30	WDR30	AT30	WS60	WDR60	DT60	PREC	SI
0	22	6	75	3.1	242.7	7.46	73.45	6.18	4.0	238.1	6.77	4.3	238.3	0.15	0.00	0.03
1	22	6	75	3.0	348.7	6.96	72.36	18.41	3.5	325.5	6.54	3.1	200.9	0.02	0.00	0.03
2	22	6	75	2.6	316.0	6.89	73.15	20.65	3.6	304.6	6.41	6.4	256.7	-0.35	0.00	0.03
3	22	6	75	2.3	105.4	6.64	75.71	14.89	2.6	69.5	5.58	4.7	287.0	-0.23	0.00	0.03
4	22	6	75	8.2	255.4	7.03	73.85	7.85	9.8	258.7	7.75	8.2	273.0	-1.36	0.00	0.03
5	22	6	75	2.4	259.8	5.91	78.62	16.62	1.9	307.7	5.27	3.4	295.3	-0.71	0.00	0.04
6	22	6	75	1.7	357.7	7.23	44.03	13.73	1.1	343.5	7.46	1.2	330.2	0.25	0.00	0.17
7	22	6	75	2.7	75.9	8.94	21.05	13.50	2.2	43.9	9.66	1.7	89.4	0.51	0.00	0.43
8	22	6	75	6.0	82.2	9.92	28.50	10.52	6.6	78.4	9.08	6.9	93.8	0.34	0.00	0.78
9	22	6	75	3.3	161.4	10.46	32.73	16.53	3.5	149.1	9.77	3.7	149.8	0.63	0.00	0.76
10	22	6	75	6.4	9.1	11.53	34.78	26.72	6.4	7.6	10.33	5.8	11.5	0.87	0.00	1.08
11	22	6	75	6.1	246.7	12.63	24.97	17.91	6.8	248.1	11.66	7.5	256.8	0.74	0.00	0.94
12	22	6	75	8.0	274.4	14.09	20.92	12.80	8.9	268.1	12.69	9.6	272.7	1.11	0.00	1.46
13	22	6	75	7.2	266.9	14.80	19.05	18.35	8.0	254.2	13.46	8.3	259.2	1.05	0.00	1.50
14	22	6	75	8.2	263.6	15.72	18.77	14.39	8.9	258.2	14.36	9.7	250.6	1.05	0.00	1.50
15	22	6	75	9.4	246.7	15.43	18.66	11.89	10.7	243.9	14.45	12.0	245.5	0.91	0.00	1.04
16	22	6	75	10.3	255.5	14.69	22.20	9.50	10.8	244.2	13.75	12.4	248.2	0.87	0.00	0.81
17	22	6	75	9.4	262.3	15.67	18.94	10.36	10.5	256.5	14.64	11.4	258.0	0.91	0.00	0.79
18	22	6	75	8.1	257.5	15.75	19.20	9.72	9.1	248.6	14.92	10.0	249.6	0.75	0.00	0.56
19	22	6	75	6.4	250.9	15.16	19.31	7.01	7.7	241.4	14.65	8.7	244.3	0.34	0.00	0.29
20	22	6	75	8.6	247.2	13.55	24.66	4.51	9.7	231.0	13.65	10.7	226.9	-1.01	0.00	0.09
21	22	6	75	8.3	243.7	13.26	24.25	6.30	9.3	222.2	13.38	9.7	205.6	-1.17	0.00	0.04
22	22	6	75	8.8	246.0	12.85	24,41	5.76	9.7	221.9	13.16	10.2	211.2	-1.59	0.00	0.03
23	22	6	75	8.8	250.4	12.51	24.12	7.50	9.5	232.7	12.26	12.8	215.0	-1.07	0.00	0.03

RIO BLANCO OIL SHALE PROJECT 60 METER TOWER

HR	DY	MO	YR	10 - METER LEVEL WS10	WDR10	AT10	RH10	SG10	30 - METER LEVEL WS30	WDR30	AT30	60 - METER LEVEL WS60	WDR60	DT60	PREC	SI
0	23	6	75	8.7	269.4	11.93	24.23	8.15	9.3	241.6	11.73	13.7	230.5	-0.90	0.00	0.03
1	23	6	75	11.2	251.0	11.71	24.53	4.77	14.3	252.6	12.05	16.6	260.1	-1.52	0.00	0.03
2	23	6	75	10.6	254.4	11.67	26.18	4.89	14.1	258.5	12.19	15.9	271.4	-1.33	0.00	0.03
3	23	6	75	3.8	54.6	10.19	29.88	14.36	4.2	26.6	10.16	4.7	335.9	-0.91	0.00	0.03
4	23	6	75	3.0	199.5	9.83	39.35	10.27	4.1	210.2	10.51	3.3	223.1	-1.84	0.00	0.03
5	23	6	75	4.6	199.8	10.24	38.52	5.63	5.7	176.9	10.52	5.8	152.1	-1.34	0.00	0.04
6	23	6	75	1.2	232.8	11.43	23.10	8.42	1.9	200.0	11.50	2.5	189.2	-0.25	0.00	0.17
7	23	6	75	1.8	101.2	12.79	15.71	19.31	2.0	38.5	13.40	1.8	48.1	0.66	0.00	0.42
8	23	6	75	4.9	67.8	13.84	19.01	9.80	5.2	67.5	13.15	5.5	68.6	0.72	0.00	0.70
9	23	6	75	4.3	43.4	15.62	21.07	25.37	4.4	77.6	14.91	3.9	96.8	0.70	0.00	0.98
10	23	6	75	7.4	177.0	17.29	18.39	14.61	8.6	177.4	16.14	8.9	192.5	0.93	0.00	1.20
11	23	6	75	6.8	260.3	17.83	18.51	13.64	7.5	249.5	16.80	8.7	248.4	0.80	0.00	0.99
12	23	6	75	9.1	227.7	19.08	17.41	14.85	10.0	224.3	17.89	11.2	229.4	1.07	0.00	1.13
13	23	6	75	9.6	211.6	19.97	15.95	16.97	10.9	208.5	18.58	11.8	219.4	1.02	0.00	1.28
14	23	6	75	13.1	267.1	19.24	16.44	11.39	15.5	263.6	17.84	16.6	267.5	1.01	0.00	1.21
15	23	6	75	7.5	268.9	20.10	15.80	17.71	8.2	258.5	18.89	9.0	258.1	1.14	0.00	1.31
16	23	6	75	8.8	200.3	21.15	14.36	17.29	10.7	201.6	19.95	11.7	212.9	1.05	0.00	1.15
17	23	6	75	7.5	213.6	20.20	15.53	17.49	9.5	205.2	19.42	12.5	226.0	0.56	0.00	0.66
18	23	6	75	6.3	203.9	19.87	16.14	12.95	8.1	206.3	19.17	10.1	215.7	0.44	0.00	0.42
19	23	6	75	3.9	254.5	19.12	16.77	6.76	5.3	238.2	18.70	6.9	231.0	-0.18	0.00	0.23
20	23	6	75	3.9	225.0	18.63	18.25	6.24	3.5	204.4	18.02	2.9	188.9	-0.19	0.00	0.09
21	23	6	75	3.7	214.1	18.22	18.86	6.04	3.6	185.6	17.77	4.3	160.6	-0.79	0.00	0.04
22	23	6	75	2.2	278.4	16.73	20.31	6.52	2.0	317.9	14.91	1.9	114.3	-0.37	0.00	0.04
23	23	6	75	5.7	248.6	17.35	19.66	4.49	4.5	233.8	16.57	3.4	204.5	-0.07	0.00	0.03

RIO BLANCO OIL SHALE PROJECT 60 METER TOWER

				10 - METER LEVEL					30 - METER LEVEL			60 - METER LEVEL				
HR	DY	MO	YR	WS10	WDR10	AT10	RH10	SG10	WS30	WDR30	AT30	WS60	WDR60	DT60	PREC	SI
0	24	6	75	2.8	207.5	16.87	19.54	12.12	3.9	204.3	16.56	4.5	180.1	-0.63	0.00	0.03
1	24	6	75	3.5	206.8	16.00	19.54	7.28	5.2	189.3	16.06	6.4	186.9	-1.09	0.00	0.03
2	24	6	75	2.9	229.3	15.90	20.01	8.72	3.8	193.3	15.51	5.3	193.7	-0.42	0.00	0.03
3	24	6	75	2.4	198.7	15.99	19.75	5.79	3.6	188.6	15.41	5.4	194.7	-0.25	0.00	0.03
4	24	6	75	3.4	213.3	15.41	19.89	6.61	5.2	198.2	15.02	6.9	198.5	-0.36	0.00	0.03
5	24	6	75	1.3	180.3	15.23	20.21	16.11	3.4	177.9	14.68	5.4	185.2	-0.38	0.00	0.04
6	24	6	75	6.1	190.0	14.79	18.50	19.23	10.9	187.8	14.93	14.4	192.6	-0.82	0.00	0.14
7	24	6	75	7.8	166.8	16.23	16.36	11.98	10.4	168.5	15.61	11.3	175.0	0.36	0.00	0.39
8	24	6	75	8.6	152.8	17.78	16.19	11.05	9.9	144.7	16.90	10.4	150.1	0.70	0.00	0.70
9	24	6	75	12.1	169.7	19.01	16.49	9.75	14.9	164.7	17.85	14.6	169.2	0.83	0.00	0.99
10	24	6	75	17.9	186.5	20.28	16.17	12.36	23.3	184.9	18.85	24.4	196.7	0.64	0.00	1.07
11	24	6	75	999.0	999.0	999.00	999.00	999.00	999.0	999.0	999.00	999.0	999.0	999.00	0.00	999.00
12	24	6	75	999.0	999.0	999.00	999.00	999.00	999.0	999.0	999.00	999.0	999.0	999.00	0.00	999.00
13	24	6	75	999.0	999.0	999.00	999.00	999.00	999.0	999.0	999.00	999.0	999.0	999.00	0.00	999.00
14	24	6	75	999.0	999.0	999.00	999.00	999.00	999.0	999.0	999.00	999.0	999.0	999.00	0.00	999.00
15	24	6	75	999.0	999.0	999.00	999.00	999.00	999.0	999.0	999.00	999.0	999.0	999.00	0.00	999.00
16	24	6	75	21.4	194.2	22.06	15.52	11.80	29.2	184.3	21.08	31.8	194.5	0.15	0.00	999.00
17	24	6	75	14.1	203.0	21.73	14.92	13.17	19.9	197.9	20.97	23.2	206.9	0.42	999.00	0.56
18	24	6	75	14.0	196.1	21.99	14.06	13.31	18.7	188.1	21.20	20.9	195.8	0.45	0.00	0.58
19	24	6	75	16.9	199.7	21.24	15.15	14.03	23.0	199.4	20.89	28.8	208.8	0.01	0.00	0.29
20	24	6	75	8.5	214.7	19.52	16.80	15.51	12.5	203.9	19.38	16.2	206.5	-0.42	0.00	0.09
21	24	6	75	10.1	200.5	18.35	17.54	12.95	15.0	191.5	18.54	19.5	194.0	-0.95	0.00	0.04
22	24	6	75	9.3	217.9	18.46	17.51	16.80	14.1	207.0	18.36	19.7	209.7	-0.53	0.00	0.03
23	24	6	75	12.8	195.9	17.93	17.56	11.78	18.2	191.8	18.23	21.0	198.6	-0.80	0.00	0.03

RIO BLANCO OIL SHALE PROJECT 60 METER TOWER

				10 - METER LEVEL					30 - METER LEVEL			60 - METER LEVEL				
HR	DY	MO	YR	WS10	WDR10	AT10	RH10	SG10	WS30	WDR30	AT30	WS60	WDR60	DT60	PREC	SI
0	25	6	75	16.4	195.3	18.15	17.49	10.68	21.2	191.6	18.16	25.7	198.8	-0.18	0.00	0.03
1	25	6	75	15.4	193.4	17.88	17.55	11.37	21.2	195.6	17.71	25.6	206.5	-0.10	0.00	0.03
2	25	6	75	15.0	202.1	17.00	17.76	12.48	19.8	200.5	16.80	24.3	205.5	-0.12	0.00	0.03
3	25	6	75	15.9	201.8	16.34	18.01	12.83	21.2	197.1	16.20	26.0	205.9	-0.02	0.00	0.03
4	25	6	75	13.0	208.2	15.20	18.49	12.17	17.6	205.7	15.05	21.8	212.3	-0.31	0.00	0.03
5	25	6	75	11.9	206.6	14.28	18.77	10.81	16.2	203.3	14.11	20.5	208.1	-0.30	0.00	999.00
6	25	6	75	11.7	205.7	14.99	16.94	13.68	15.7	197.1	14.43	19.1	207.8	0.29	0.00	999.00
7	25	6	75	18.7	191.3	15.85	17.17	11.92	23.9	189.4	14.89	26.4	195.8	0.43	0.00	999.00
8	25	6	75	21.9	194.5	15.60	17.53	10.67	26.9	188.5	14.72	29.7	200.5	0.37	0.00	999.00
9	25	6	75	20.4	186.7	15.75	17.54	13.07	27.9	181.1	14.76	29.5	192.5	0.30	0.00	999.00
10	25	6	75	20.8	190.5	16.51	17.10	12.03	27.6	183.1	15.03	28.2	190.8	0.34	0.00	999.00
11	25	6	75	15.8	204.0	17.13	17.17	16.31	20.1	199.8	15.53	22.6	219.8	1.11	0.00	999.00
12	25	6	75	19.5	199.8	16.14	17.05	15.20	25.5	195.0	15.03	30.1	208.2	0.57	0.00	999.00
13	25	6	75	999.0	999.0	999.00	999.00	999.00	999.0	999.0	999.00	999.0	999.0	999.00	0.00	999.00
14	25	6	75	21.5	254.2	12.98	19.30	10.33	24.9	249.4	11.51	27.1	255.1	1.11	0.00	999.00
15	25	6	75	17.9	268.5	12.44	19.18	9.16	20.5	263.5	11.38	22.1	267.4	0.74	0.00	0.80
16	25	6	75	21.4	278.6	13.60	18.34	10.66	25.1	274.2	12.42	28.2	279.6	0.78	0.00	0.69
17	25	6	75	22.2	300.7	10.89	20.03	9.96	26.2	296.7	9.90	28.6	301.3	0.72	0.00	0.59
18	25	6	75	24.7	305.3	9.86	20.42	8.77	29.3	299.4	9.06	31.0	303.2	0.56	0.00	0.38
19	25	6	75	21.6	294.0	8.20	21.49	7.85	25.0	288.1	8.03	28.1	293.2	0.41	0.00	0.25
20	25	6	75	19.0	289.5	6.68	23.89	8.49	22.7	286.3	6.31	25.2	287.3	0.15	0.00	0.08
21	25	6	75	18.1	290.4	5.84	24.92	8.02	22.6	286.9	5.51	26.4	290.3	0.05	0.00	0.04
22	25	6	75	17.7	299.8	5.30	25.44	8.02	21.4	298.3	4.98	24.6	301.1	0.05	0.00	0.03
23	25	6	75	14.3	299.4	4.78	26.88	9.47	17.6	290.8	4.47	21.6	296.0	0.02	0.00	0.03

```
                                                     RIO BLANCO OIL SHALE PROJECT   60 METER TOWER

                         10 - METER LEVEL                       30 - METER LEVEL                60 - METER LEVEL
 HR DY MO YR     WS10  WDR10   AT10     RH10     SG10       WS30  WDR30    AT30        WS60  WDR60    DT60      PREC    SI
 ++ ++ ++ ++    +-----------------------------------------+  +-------------------+     +--------------------+  +-----------+

  0 26  6 75     6.5  278.4    4.92    29.39     8.95        7.1  278.6    4.41        7.7  280.9    0.26      0.00   0.03
  1 26  6 75     3.0  277.9    3.54    32.00     9.10        3.5  314.2    3.18        4.7  328.0   -0.55      0.00   0.03
  2 26  6 75     2.4  255.9    3.16    37.20    13.59        2.8   62.1    2.39        3.2   54.3   -0.53      0.00   0.03
  3 26  6 75     3.5  235.0    2.90    41.44     8.30        2.8  263.6    1.77        1.7  306.1   -0.48      0.00   0.03
  4 26  6 75     5.6  216.1    3.22    39.68     5.85        5.1  191.2    2.77        4.9  176.7   -0.22      0.00   0.03
  5 26  6 75     7.0  232.8    3.10    38.14     4.59        7.3  214.7    3.06        7.3  194.0   -0.50      0.00   0.04
  6 26  6 75     3.6  165.8    4.02    23.41    13.90        5.2  186.7    3.56        6.0  190.3    0.32      0.01   0.18
  7 26  6 75     4.6  152.5    5.69    19.36    11.19        5.1  143.4    4.91        5.4  157.7    0.81      0.00   0.45
  8 26  6 75     3.9  150.9    7.40    19.34    17.83        4.4  145.1    6.72        4.8  147.6    0.83      0.00   0.74
  9 26  6 75     3.2  316.1    9.83    19.98    28.84        3.5  292.1    9.23        3.7  232.0    0.93      0.00   1.02
 10 26  6 75     6.4  203.4   11.48    19.20    20.48        7.1  198.6   10.39        7.3  203.5    0.96      0.00   1.25
 11 26  6 75     6.1  235.0   13.31    18.54    18.23        6.8  222.3   11.88        7.1  224.7    1.03      0.00   1.43
 12 26  6 75     6.1  212.5   15.37    17.01    23.61        7.2  198.6   14.00        8.0  202.8    1.12      0.00   1.52
 13 26  6 75     7.6  182.5   16.40    15.75    18.58        8.5  174.8   15.18        9.1  188.6    0.90      0.00   1.53
 14 26  6 75     7.2  225.4   18.50    15.00    23.17        8.5  221.4   17.23        9.2  226.6    1.21      0.00   1.48
 15 26  6 75     7.1  190.0   19.36    13.92    20.45        8.4  181.6   18.00        9.2  194.5    1.20      0.00   1.34
 16 26  6 75    10.9  196.4   19.96    14.38    14.32       13.2  188.4   18.59       15.0  208.3    1.17      0.00   1.14
 17 26  6 75    10.9  197.0   19.54    14.38    13.49       14.1  193.3   18.44       15.9  208.2    0.92      0.00   0.88
 18 26  6 75     9.5  202.4   19.03    14.37    13.83       11.5  205.1   18.35       14.3  222.2    0.49      0.00   0.60
 19 26  6 75     8.3  201.6   17.31    15.47    12.58       10.4  207.1   16.95       14.2  218.8    0.04      0.00   0.30
 20 26  6 75     5.0  269.8   14.42    18.76    11.87        5.6  247.8   14.47       10.0  226.5   -0.92      0.00   0.09
 21 26  6 75     1.8  217.5   14.01    19.84    17.28        2.0  196.0   12.90        3.3  147.8   -0.44      0.00   0.04
 22 26  6 75    10.5  259.5   14.71    18.93     5.04       12.7  252.4   14.77       13.4  251.6   -0.44      0.00   0.03
 23 26  6 75    10.0  251.6   15.20    18.53     4.05       11.6  247.6   15.46       11.8  246.4   -0.71      0.00   0.03
```

RIO BLANCO OIL SHALE PROJECT 60 METER TOWER

HR	DY	MO	YR	10 - METER LEVEL WS10	WDR10	AT10	RH10	SG10	30 - METER LEVEL WS30	WDR30	AT30	60 - METER LEVEL WS60	WDR60	DT60	PREC	SI
0	27	6	75	8.9	243.9	15.10	18.65	4.40	9.9	232.9	15.17	11.2	234.5	-0.50	0.00	0.03
1	27	6	75	4.2	210.6	13.94	19.09	7.48	4.0	207.6	13.91	4.0	217.7	-0.57	0.00	0.03
2	27	6	75	5.4	242.4	13.84	19.43	5.80	5.3	229.5	13.64	6.5	228.3	-0.95	0.00	0.03
3	27	6	75	4.2	208.8	14.17	19.74	8.24	4.4	194.8	14.05	4.5	184.2	-0.55	0.00	0.03
4	27	6	75	4.0	182.0	13.33	19.95	4.76	4.7	165.3	13.33	4.6	168.9	-0.62	0.00	0.03
5	27	6	75	2.7	348.2	12.89	20.03	18.79	3.7	0.7	12.53	2.9	16.8	-0.61	0.00	0.04
6	27	6	75	1.8	357.0	12.84	16.42	20.95	1.9	33.3	13.14	2.6	223.5	-0.88	0.00	0.18
7	27	6	75	8.9	200.5	17.51	14.77	17.23	11.6	200.6	16.84	15.4	216.7	0.51	0.00	0.44
8	27	6	75	10.8	201.3	18.80	15.54	15.05	14.5	196.0	17.68	16.9	212.8	1.02	0.00	0.72
9	27	6	75	15.9	201.1	20.10	16.10	14.36	20.1	199.3	18.71	22.5	214.8	0.99	0.00	1.00
10	27	6	75	15.0	204.6	21.12	15.73	15.85	18.9	205.0	19.59	23.8	220.9	1.16	0.00	1.24
11	27	6	75	12.9	212.8	21.94	15.45	16.40	16.9	200.0	20.34	19.0	216.1	1.30	0.00	1.41
12	27	6	75	18.1	198.9	22.18	15.09	14.42	22.6	193.8	20.55	25.8	209.1	0.88	0.00	1.44
13	27	6	75	19.8	192.7	22.77	14.52	12.64	24.5	191.1	21.01	27.1	203.1	0.82	0.00	1.51
14	27	6	75	17.2	209.6	23.69	14.05	15.27	21.9	203.0	22.07	26.9	215.3	1.00	0.00	1.49
15	27	6	75	17.2	196.6	23.75	13.89	13.76	20.6	197.3	22.27	25.0	207.3	0.79	0.00	1.35
16	27	6	75	15.4	205.4	23.86	13.75	16.05	19.9	204.2	22.60	23.3	215.0	0.89	0.00	1.08
17	27	6	75	10.5	214.5	23.00	14.25	17.44	12.8	217.0	22.15	18.1	225.6	0.65	0.00	0.71
18	27	6	75	8.0	208.0	22.16	15.26	16.08	10.1	207.5	21.56	14.1	220.8	0.30	0.00	0.38
19	27	6	75	9.0	208.0	21.26	15.62	13.26	12.2	205.0	20.85	16.5	216.1	-0.01	0.00	0.20
20	27	6	75	5.4	252.5	20.09	16.68	15.33	6.4	225.0	19.65	13.0	221.5	-0.25	0.00	0.08
21	27	6	75	6.1	237.7	19.60	16.99	15.46	7.8	227.3	19.25	14.8	227.2	-0.43	0.00	0.04
22	27	6	75	6.2	250.7	18.89	17.43	17.18	7.9	230.0	18.50	14.2	219.1	-0.45	0.00	0.03
23	27	6	75	5.7	238.3	18.42	17.62	19.54	7.6	221.3	18.06	15.9	221.3	-0.46	0.00	0.03

RIO BLANCO OIL SHALE PROJECT   60 METER TOWER

HR	DY	MO	YR	10 - METER LEVEL					30 - METER LEVEL			60 - METER LEVEL				
++	++	++	++	WS10	WDR10	AT10	RH10	SG10	WS30	WDR30	AT30	WS60	WDR60	DT60	PREC	SI
0	28	6	75	11.4	256.5	18.26	17.46	6.65	13.6	247.9	18.43	16.7	249.1	-0.74	0.00	0.03
1	28	6	75	14.5	252.5	17.54	17.64	4.30	17.8	250.6	18.34	20.1	253.3	-1.65	0.00	0.03
2	28	6	75	11.6	254.5	18.21	17.52	3.47	13.4	254.3	18.84	14.2	263.0	-1.11	0.00	0.03
3	28	6	75	5.3	310.5	14.94	18.22	13.97	5.1	329.6	14.76	5.3	349.7	-0.56	0.00	0.03
4	28	6	75	5.2	283.2	13.46	19.60	13.65	6.5	300.7	13.07	8.3	328.5	-0.17	0.00	0.03
5	28	6	75	5.7	302.6	13.29	19.54	6.28	6.3	320.1	13.14	7.0	350.2	-0.70	0.00	0.04
6	28	6	75	6.0	296.7	13.60	17.95	5.95	5.8	317.5	13.46	5.7	345.4	-0.31	0.00	0.17
7	28	6	75	2.4	316.3	15.19	15.76	14.80	2.5	312.5	14.59	2.5	318.5	0.77	0.00	0.43
8	28	6	75	2.4	23.8	17.16	14.06	22.42	1.9	21.5	17.88	1.9	69.9	0.75	0.00	0.71
9	28	6	75	4.2	168.1	19.30	15.39	20.21	4.6	155.5	18.51	5.2	154.4	0.80	0.00	0.98
10	28	6	75	9.4	161.4	21.36	15.13	14.19	10.8	161.3	20.07	11.0	172.1	0.89	0.00	1.21
11	28	6	75	10.4	229.0	22.90	14.94	15.99	11.4	222.5	21.39	14.8	230.6	1.42	0.00	1.40
12	28	6	75	11.6	222.9	23.64	14.57	17.50	14.7	210.3	22.01	19.5	223.8	1.44	0.00	1.50
13	28	6	75	13.6	201.5	23.68	14.14	16.51	18.4	197.0	21.94	20.6	207.9	1.19	0.00	1.52
14	28	6	75	15.8	199.9	23.60	14.11	14.04	20.3	198.3	22.00	22.8	210.0	1.04	0.00	1.47
15	28	6	75	15.5	190.3	23.77	13.75	13.19	19.8	188.4	22.22	21.9	198.1	0.99	0.00	1.33
16	28	6	75	11.1	208.7	24.18	13.32	17.39	13.6	202.0	22.87	15.5	217.7	1.06	0.00	1.11
17	28	6	75	10.2	210.6	24.00	13.27	16.15	12.5	210.6	22.95	15.2	219.5	0.89	0.00	0.87
18	28	6	75	9.1	217.7	23.30	13.70	16.40	12.1	213.9	22.59	14.4	220.1	0.47	0.00	0.59
19	28	6	75	8.6	247.7	21.99	14.97	12.14	10.3	231.2	21.52	14.2	235.1	0.14	0.00	0.29
20	28	6	75	9.4	259.4	19.76	16.95	7.14	10.6	240.0	19.72	15.5	233.4	-1.32	0.00	0.00
21	28	6	75	9.7	255.8	18.64	17.39	6.22	10.8	235.0	18.92	25.3	255.6	-1.14	0.00	0.00
22	28	6	75	7.5	251.1	18.34	17.55	12.23	8.7	228.9	18.44	14.2	210.2	-2.07	0.00	0.00
23	28	6	75	4.5	268.7	18.13	17.95	17.15	6.3	215.7	17.90	12.4	218.3	-1.05	0.00	0.00

RIO BLANCO OIL SHALE PROJECT 60 METER TOWER

				10 - METER LEVEL					30 - METER LEVEL			60 - METER LEVEL				
HR	DY	MO	YR	WS10.	WDR10	AT10	RH10	SG10	WS30	WDR30	AT30	WS60	WDR60	DT60	PREC	SI
0	29	6	75	5.4	258.5	18.02	17.97	15.81	7.1	221.6	17.75	13.4	219.6	-0.65	0.00	0.00
1	29	6	75	4.8	235.5	18.29	18.01	19.28	7.2	223.3	17.92	15.2	225.3	-0.53	0.00	0.03
2	29	6	75	5.6	246.0	17.92	17.93	21.06	7.0	219.5	17.56	16.8	219.9	-1.16	0.00	0.03
3	29	6	75	5.4	269.8	16.56	18.49	13.97	6.3	236.5	16.84	12.4	216.2	-1.79	0.00	0.03
4	29	6	75	5.9	254.9	17.03	18.21	16.99	8.4	223.9	16.62	15.0	215.6	-1.15	0.00	0.03
5	29	6	75	6.6	230.4	16.93	18.39	22.23	10.3	214.7	16.91	19.7	214.7	-1.18	0.00	0.04
6	29	6	75	6.0	218.0	17.67	16.10	20.27	8.6	208.8	17.27	16.1	219.1	-0.11	0.00	0.17
7	29	6	75	10.8	209.9	19.60	15.19	14.89	13.3	203.6	18.79	17.9	220.1	0.64	0.00	0.43
8	29	6	75	12.1	205.4	20.61	15.16	14.92	14.9	200.7	19.48	18.7	218.4	1.03	0.00	0.71
9	29	6	75	11.9	202.7	21.60	15.57	15.51	15.3	197.2	20.27	16.9	215.7	1.11	0.00	0.99
10	29	6	75	12.6	211.8	22.13	15.44	16.14	15.6	203.1	20.52	20.3	218.2	1.41	0.00	1.23
11	29	6	75	14.5	204.9	22.69	15.06	16.27	17.3	201.5	21.10	20.6	212.9	1.13	0.00	1.41
12	29	6	75	15.9	206.9	23.46	14.75	15.13	19.8	201.7	21.81	23.3	218.6	1.34	0.00	1.51
13	29	6	75	16.1	199.6	24.02	14.28	15.41	21.2	197.1	22.34	24.2	213.7	1.12	0.00	1.53
14	29	6	75	13.0	219.6	24.46	13.77	19.09	16.9	213.4	22.93	20.9	225.0	1.24	0.00	1.43
15	29	6	75	12.0	214.7	24.23	13.64	15.91	15.5	202.2	22.94	19.0	221.0	1.06	0.00	1.14
16	29	6	75	14.3	194.1	24.35	13.40	13.82	18.3	194.0	23.06	21.4	211.2	0.83	0.00	1.06
17	29	6	75	12.3	200.4	24.51	13.16	14.48	16.3	198.3	23.38	19.5	212.5	0.83	0.00	0.89
18	29	6	75	14.4	203.3	23.77	13.65	14.75	18.8	200.6	23.04	22.2	214.2	0.37	0.00	0.62
19	29	6	75	6.3	209.1	21.75	14.38	16.06	9.5	215.1	21.35	13.6	220.9	-0.03	0.00	0.30
20	29	6	75	4.9	244.9	19.64	17.23	17.16	6.5	225.4	19.30	14.5	223.0	-0.67	0.00	0.08
21	29	6	75	7.7	259.4	19.42	17.53	13.58	7.9	225.0	19.25	14.8	226.9	-0.98	0.00	0.04
22	29	6	75	6.8	250.6	18.69	17.52	14.14	8.8	223.7	18.44	16.0	217.3	-1.18	0.00	0.03
23	29	6	75	6.0	242.0	18.60	17.77	20.03	8.2	217.5	18.44	17.3	221.1	-0.99	0.00	0.03

RIO BLANCO OIL SHALE PROJECT 60 METER TOWER

				10 - METER LEVEL					30 - METER LEVEL			60 - METER LEVEL				
HR	DY	MO	YR	WS10	WDR10	AT10	RH10	SG10	WS30	WDR30	AT30	WS60	WDR60	DT60	PREC	SI
0	30	6	75	5.9	257.9	18.58	17.78	16.03	7.9	224.1	18.40	16.2	218.1	-0.94	0.00	0.03
1	30	6	75	7.1	256.0	18.45	17.65	12.51	8.4	233.8	18.21	15.2	224.8	-0.82	0.00	0.03
2	30	6	75	7.5	258.2	18.71	17.60	13.27	8.6	234.9	18.48	16.4	227.7	-0.80	0.00	0.03
3	30	6	75	10.2	269.4	17.37	17.94	6.26	11.9	247.4	17.89	15.4	230.2	-2.02	0.00	0.03
4	30	6	75	9.5	269.5	17.94	17.70	6.89	10.5	243.3	18.28	15.0	227.6	-1.95	0.00	0.03
5	30	6	75	1.9	89.3	15.60	18.78	21.42	3.1	94.2	15.05	2.3	149.7	-1.37	0.00	0.04
6	30	6	75	2.2	327.2	16.80	15.71	19.71	2.0	1.0	16.73	2.2	46.1	-0.58	0.00	0.17
7	30	6	75	3.0	62.7	17.21	13.34	8.54	2.6	51.3	17.52	1.6	69.4	-0.54	0.00	0.43
8	30	6	75	3.3	61.7	19.06	14.07	10.00	3.2	57.2	18.57	3.2	71.5	0.58	0.00	0.71
9	30	6	75	5.9	132.7	22.24	15.03	13.47	6.5	130.0	21.27	7.2	149.4	0.68	0.00	0.98
10	30	6	75	14.6	178.7	24.07	14.63	9.68	16.7	176.6	22.49	17.0	184.2	1.03	0.00	0.00
11	30	6	75	12.5	186.3	24.95	14.44	13.02	15.5	185.6	23.28	15.9	192.7	1.25	0.00	1.40
12	30	6	75	10.1	202.2	25.79	13.69	17.81	13.0	195.2	24.15	14.5	206.1	1.26	0.00	1.50
13	30	6	75	12.6	203.4	26.16	13.11	14.79	15.9	195.7	24.41	17.7	203.4	1.29	0.00	1.52
14	30	6	75	12.1	203.5	26.63	13.19	15.70	15.6	204.8	25.04	18.0	215.8	1.10	0.00	1.47
15	30	6	75	12.0	225.1	26.74	12.83	17.13	14.5	221.2	25.30	19.0	228.8	1.20	0.00	1.35
16	30	6	75	12.9	213.3	26.61	12.79	16.17	15.4	207.9	25.38	20.0	225.2	1.04	0.00	1.14
17	30	6	75	8.0	224.9	26.42	12.27	17.23	9.8	218.9	25.44	11.7	227.7	0.88	0.00	0.87
18	30	6	75	9.9	196.6	25.57	12.36	11.58	13.0	192.3	24.93	15.3	201.9	0.36	0.00	0.60
19	30	6	75	4.7	228.9	24.06	12.99	11.30	6.9	210.8	23.77	7.9	211.2	-0.10	0.00	0.30
20	30	6	75	7.7	241.4	23.33	16.20	4.56	8.2	222.2	23.74	8.4	221.4	-0.98	0.00	0.09
21	30	6	75	10.1	247.1	22.14	16.22	4.56	11.3	232.1	22.87	12.1	227.0	-1.45	0.00	0.04
22	30	6	75	11.9	254.8	21.05	16.53	4.68	13.8	236.7	21.95	16.0	229.0	-2.57	0.00	0.03
23	30	6	75	10.5	258.9	20.42	16.73	4.33	12.6	239.0	21.61	15.5	233.5	-2.70	0.00	0.03

RIO BLANCO OIL SHALE PROJECT 60 METER TOWER

				10 - METER LEVEL					30 - METER LEVEL			60 - METER LEVEL				
HR	DY	MO	YR	WS10	WDR10	AT10	RH10	SG10	WS30	WDR30	AT30	WS60	WDR60	DT60	PREC	SI
0	1	7	75	9.2	255.7	19.85	16.93	6.64	9.8	232.5	20.10	14.5	220.7	-1.94	0.00	0.03
1	1	7	75	11.2	256.2	19.88	16.94	7.81	12.4	236.0	20.52	16.4	228.2	-2.49	0.00	0.03
2	1	7	75	7.1	249.0	20.14	17.02	13.60	10.1	221.8	20.68	14.0	208.4	-2.48	0.00	0.03
3	1	7	75	11.5	254.1	19.30	17.04	5.13	13.9	236.1	20.25	17.1	234.0	-2.60	0.00	0.03
4	1	7	75	9.0	259.3	19.18	17.25	8.16	10.1	233.6	19.56	14.7	227.6	-2.03	0.00	0.03
5	1	7	75	6.3	256.3	18.85	17.35	15.44	9.1	227.7	19.06	15.5	213.5	-2.17	0.00	0.03
6	1	7	75	1.4	208.5	17.31	14.51	26.74	3.2	125.1	18.16	4.1	189.2	-1.62	0.00	0.17
7	1	7	75	3.2	55.7	19.24	13.34	12.09	3.9	52.1	19.12	4.6	57.1	-0.08	0.00	0.42
8	1	7	75	4.9	62.1	21.69	13.90	12.42	5.2	63.7	21.04	5.6	93.1	0.58	0.00	0.70
9	1	7	75	11.0	180.9	24.65	14.31	11.28	13.4	176.7	23.34	13.6	187.2	1.00	0.00	0.98
10	1	7	75	17.0	177.5	25.39	14.28	10.88	21.3	169.9	23.70	21.1	176.0	0.95	0.00	1.21
11	1	7	75	16.6	184.4	26.24	14.17	11.71	20.7	177.5	24.37	20.9	193.5	1.09	0.00	1.39
12	1	7	75	15.2	191.9	27.09	13.44	13.12	18.9	184.4	25.24	18.4	195.2	1.19	0.00	1.48
13	1	7	75	14.1	206.2	27.82	12.97	15.87	17.6	202.1	26.07	21.9	223.5	1.45	0.00	1.50
14	1	7	75	13.2	214.9	27.71	12.74	17.91	17.4	208.2	26.03	21.6	221.0	1.39	0.00	999.00
15	1	7	75	12.2	203.1	27.59	12.44	15.31	15.8	205.2	26.06	17.9	217.6	1.22	0.00	1.32
16	1	7	75	9.9	199.1	27.34	12.07	13.56	11.1	196.3	26.09	12.5	211.4	1.09	0.00	1.10
17	1	7	75	9.9	188.5	27.16	12.12	11.67	13.0	180.3	26.11	12.9	189.3	0.79	0.00	0.85
18	1	7	75	8.6	199.1	26.59	12.04	11.13	10.7	201.0	25.97	12.7	212.4	0.37	0.00	0.59
19	1	7	75	5.8	254.5	24.93	13.46	12.73	6.9	230.1	24.64	11.4	225.2	-0.32	0.00	0.29
20	1	7	75	10.6	254.3	24.10	15.75	3.38	11.2	241.2	24.72	12.2	241.8	-1.35	0.00	0.09
21	1	7	75	10.0	250.8	24.44	15.49	2.91	9.6	236.9	24.77	10.2	239.3	-1.00	0.00	0.04
22	1	7	75	7.7	240.5	24.08	15.52	3.56	7.9	220.5	24.66	6.3	223.3	-1.12	0.00	0.03
23	1	7	75	6.8	245.9	24.98	15.39	2.83	5.9	241.1	24.63	5.7	248.6	-0.12	0.00	0.03

				10 - METER LEVEL					30 - METER LEVEL			60 - METER LEVEL				
HR	DY	MO	YR	WS10	WDR10	AT10	RH10	SG10	WS30	WDR30	AT30	WS60	WDR60	DT60	PREC	SI
0	2	7	75	10.4	251.8	24.55	15.15	2.78	8.8	240.9	24.85	8.6	246.5	-0.66	0.00	0.03
1	2	7	75	4.3	300.7	19.47	17.26	8.14	4.1	319.6	19.15	3.7	6.5	-1.37	0.00	0.03
2	2	7	75	8.2	250.3	22.56	16.17	3.62	8.5	239.5	22.60	9.0	231.4	-0.96	0.00	0.03
3	2	7	75	5.5	212.3	21.52	16.61	6.82	5.9	196.5	21.44	5.6	182.1	-0.73	0.00	0.03
4	2	7	75	4.0	241.1	21.44	16.84	11.46	5.5	224.3	20.95	7.4	223.2	-0.37	0.00	0.03
5	2	7	75	1.5	198.5	21.31	17.23	5.24	1.9	200.8	20.19	2.5	199.9	-0.03	0.00	0.04
6	2	7	75	2.2	312.3	19.09	14.88	6.99	2.2	310.2	19.22	2.0	65.5	-0.49	0.00	0.16
7	2	7	75	3.0	17.7	20.88	12.32	18.06	2.7	17.4	21.11	2.6	51.3	0.68	0.00	0.48
8	2	7	75	4.2	86.7	22.46	12.88	11.15	4.2	81.1	21.84	4.4	104.2	0.58	0.00	0.70
9	2	7	75	5.7	203.4	24.57	14.08	19.91	6.4	193.4	23.64	7.4	201.3	0.87	0.00	0.95
10	2	7	75	5.5	249.2	25.55	13.84	21.77	6.2	237.2	24.43	7.4	243.3	0.97	0.00	1.17
11	2	7	75	6.0	241.3	26.53	13.69	21.88	6.2	219.3	25.23	7.0	229.8	1.18	0.00	1.34
12	2	7	75	7.2	186.3	27.00	12.69	16.50	8.9	179.6	25.59	8.9	193.0	1.11	0.00	1.45
13	2	7	75	7.2	186.0	27.69	11.61	20.88	8.3	190.2	26.48	9.3	188.9	1.06	0.00	1.42
14	2	7	75	8.9	243.0	28.07	11.74	17.09	9.5	234.1	26.81	9.7	234.9	1.00	0.00	1.39
15	2	7	75	7.8	223.3	28.24	11.54	17.54	9.0	203.5	27.00	9.9	215.7	1.07	0.00	1.24
16	2	7	75	11.6	34.3	25.20	14.85	10.01	14.2	31.0	24.51	14.8	38.0	0.46	0.00	0.46
17	2	7	75	8.5	261.4	24.20	15.84	11.91	10.2	262.5	23.37	11.8	267.6	0.53	0.00	0.16
18	2	7	75	4.5	58.9	22.53	15.99	17.71	5.6	48.0	22.04	6.6	60.9	0.12	0.00	0.14
19	2	7	75	6.7	50.2	19.09	21.67	13.75	9.5	41.6	19.23	10.8	49.8	-0.86	0.00	0.08
20	2	7	75	3.1	120.0	18.79	20.68	9.56	4.0	81.7	18.41	6.2	92.9	-0.14	0.00	0.06
21	2	7	75	1.9	190.0	18.38	21.72	9.57	3.0	173.9	17.86	4.5	158.6	-0.14	0.00	0.04
22	2	7	75	3.6	210.2	18.12	22.48	7.62	4.2	186.7	17.73	4.7	178.6	-0.18	0.00	0.03
23	2	7	75	6.6	242.0	17.65	22.56	9.54	8.5	215.3	17.89	11.3	210.3	-1.19	0.00	0.03

RIO BLANCO OIL SHALE PROJECT 60 METER TOWER

				10 - METER LEVEL					30 - METER LEVEL			60 - METER LEVEL				
HR	DY	MO	YR	WS10	WDR10	AT10	RH10	SG10	WS30	WDR30	AT30	WS60	WDR60	DT60	PREC	SI
0	3	7	75	5.4	242.1	17.76	22.02	17.34	6.9	225.5	17.40	14.1	219.3	-0.41	0.00	0.03
1	3	7	75	2.9	256.2	16.70	23.89	22.19	4.5	145.2	16.64	6.9	151.3	-1.01	0.00	0.03
2	3	7	75	3.2	65.0	15.60	23.88	14.49	5.2	76.8	15.39	6.5	106.4	-0.87	0.00	0.03
3	3	7	75	3.6	217.2	15.39	25.04	7.77	3.0	183.1	15.13	3.7	164.3	-0.59	0.00	0.03
4	3	7	75	3.8	221.2	15.80	25.47	7.90	4.1	201.9	15.36	4.9	179.6	-0.59	0.00	0.03
5	3	7	75	5.7	239.9	15.97	23.79	7.90	6.6	214.9	16.24	9.9	209.1	-1.28	0.00	0.04
6	3	7	75	4.5	185.6	16.61	19.37	7.97	6.1	175.5	16.38	7.9	174.3	-0.20	0.00	0.15
7	3	7	75	2.9	109.3	17.56	15.24	12.84	2.9	104.7	17.32	2.8	121.9	0.59	0.00	0.42
8	3	7	75	1.4	185.5	18.27	17.86	13.24	1.5	158.9	17.93	1.8	144.8	0.54	0.00	0.37
9	3	7	75	8.1	279.0	20.90	17.80	12.99	9.1	271.2	19.31	9.5	276.4	0.69	0.00	0.84
10	3	7	75	7.6	260.8	21.71	16.67	12.31	8.4	262.9	20.65	8.6	259.9	0.81	0.00	1.09
11	3	7	75	7.8	237.0	22.54	16.68	15.33	8.1	227.6	21.19	8.1	235.8	1.04	0.00	1.29
12	3	7	75	10.8	187.9	23.12	15.39	13.91	12.2	183.6	21.72	12.4	189.3	1.04	0.00	1.26
13	3	7	75	7.3	198.8	24.29	13.77	21.39	8.0	199.3	22.86	9.1	208.2	1.21	0.00	1.46
14	3	7	75	7.4	148.3	24.35	13.89	14.91	8.1	147.3	23.17	7.8	159.5	0.90	0.00	1.26
15	3	7	75	7.4	205.5	25.05	12.92	16.97	8.6	199.5	23.79	9.5	205.5	1.12	0.00	1.28
16	3	7	75	7.8	239.4	25.25	12.42	13.83	8.4	232.6	24.15	9.3	235.7	1.06	0.00	1.11
17	3	7	75	9.7	256.8	24.85	14.21	9.47	10.2	249.4	23.92	10.8	249.4	0.82	0.00	0.75
18	3	7	75	4.6	267.9	23.76	14.91	9.37	5.6	273.7	23.21	6.1	283.2	0.48	0.00	0.43
19	3	7	75	4.7	253.8	21.65	18.05	16.19	6.8	222.6	21.50	9.6	216.1	-0.56	0.00	0.19
20	3	7	75	6.2	289.6	18.08	23.40	12.21	6.7	298.5	17.51	6.7	312.3	0.28	0.00	0.07
21	3	7	75	7.7	73.8	17.84	23.22	11.16	8.7	60.8	17.47	9.2	51.6	-0.09	0.00	0.04
22	3	7	75	1.5	152.1	17.95	24.74	22.64	1.6	125.4	16.94	2.8	105.5	0.24	0.00	0.04
23	3	7	75	2.9	31.8	16.86	28.71	11.62	3.5	38.6	16.19	4.3	69.1	0.17	0.00	0.04

RIO BLANCO OIL SHALE PROJECT 60 METER TOWER

				10 - METER LEVEL					30 - METER LEVEL			60 - METER LEVEL				
HR	DY	MO	YR	WS10	WDR10	AT10	RH10	SG10	WS30	WDR30	AT30	WS60	WDR60	DT60	PREC	SI
0	4	7	75	4.2	292.2	15.86	35.04	5.88	3.1	321.1	15.50	2.3	351.5	-0.39	0.00	0.04
1	4	7	75	5.3	249.6	16.81	32.99	4.38	5.1	245.2	16.52	4.4	236.1	-0.11	0.00	0.03
2	4	7	75	3.6	83.0	15.82	30.80	8.91	4.3	93.2	16.07	5.5	137.1	-1.09	0.00	0.03
3	4	7	75	3.7	245.3	14.24	49.62	6.68	2.0	252.6	12.77	2.0	269.6	0.05	0.00	0.03
4	4	7	75	4.3	247.1	15.62	47.45	6.03	2.8	252.4	14.89	2.0	248.6	0.20	0.00	0.03
5	4	7	75	3.9	234.4	15.95	44.02	6.21	3.2	226.7	15.44	2.3	205.6	-0.06	0.00	0.04
6	4	7	75	2.3	31.6	16.06	27.24	11.04	1.4	284.0	16.56	1.7	231.2	-0.51	0.00	0.15
7	4	7	75	2.7	104.4	16.70	19.03	12.71	2.7	103.2	16.59	2.2	134.4	0.62	0.00	0.39
8	4	7	75	3.4	160.6	19.35	16.01	13.26	3.4	162.4	18.81	3.2	163.9	0.71	0.00	0.67
9	4	7	75	3.1	82.8	22.02	19.10	14.23	4.0	79.2	19.87	4.2	92.1	0.54	0.00	999.00
10	4	7	75	3.0	306.0	23.40	17.52	12.72	4.2	216.0	20.21	3.9	999.0	0.64	0.00	999.00
11	4	7	75	8.1	266.4	23.04	18.14	14.23	9.9	255.6	21.02	9.5	280.8	0.80	0.00	999.00
12	4	7	75	6.2	298.8	24.18	17.61	14.23	7.5	298.8	21.26	7.8	302.4	1.01	0.00	999.00
13	4	7	75	6.9	244.8	23.57	19.20	14.23	8.9	262.8	22.59	8.2	226.8	0.60	0.00	999.00
14	4	7	75	8.2	215.7	20.19	20.15	14.23	11.2	212.4	22.95	16.9	219.6	0.45	0.00	999.00
15	4	7	75	8.2	204.0	20.24	20.36	13.30	11.0	201.3	19.34	13.6	212.7	0.79	999.00	0.56
16	4	7	75	8.0	238.3	23.29	15.80	16.49	8.9	227.6	22.23	10.1	229.8	1.02	0.00	0.79
17	4	7	75	7.1	261.2	22.84	15.24	10.25	7.8	254.6	22.04	8.1	259.4	0.70	0.00	0.68
18	4	7	75	6.7	250.0	22.14	17.14	6.58	7.4	249.7	21.64	8.5	257.1	0.32	0.00	0.35
19	4	7	75	5.3	263.1	21.50	17.00	9.16	7.6	274.0	21.72	8.2	288.1	-0.57	0.00	0.24
20	4	7	75	8.3	282.2	20.78	18.93	4.36	9.5	295.3	21.37	9.4	306.5	-1.35	0.00	0.08
21	4	7	75	4.1	284.1	20.17	20.89	5.06	3.8	301.1	19.94	3.6	312.4	-0.39	0.01	0.04
22	4	7	75	4.3	306.3	17.78	26.09	12.57	4.7	339.6	17.55	5.6	2.6	-0.49	0.00	0.04
23	4	7	75	1.5	283.2	17.34	34.01	17.91	1.5	314.6	15.84	2.7	143.3	0.09	0.00	0.04

RIO BLANCO OIL SHALE PROJECT 60 METER TOWER

				10 - METER LEVEL					30 - METER LEVEL			60 - METER LEVEL				
HR	DY	MO	YR	WS10	WDR10	AT10	RH10	SG10	WS30	WDR30	AT30	WS60	WDR60	DT60	PREC	SI
0	5	7	75	8.4	245.3	17.44	32.02	3.55	7.7	235.2	17.19	7.7	230.7	-0.21	0.00	0.04
1	5	7	75	6.9	243.2	19.12	26.41	3.52	6.5	239.8	18.75	6.2	247.7	-0.05	0.00	0.03
2	5	7	75	5.9	21.3	14.87	34.49	15.44	8.1	16.7	14.62	10.2	23.7	-0.16	0.00	0.04
3	5	7	75	3.8	285.7	14.45	46.64	9.43	3.7	340.2	14.26	5.6	39.0	-0.84	0.00	0.04
4	5	7	75	4.3	248.6	15.26	45.63	6.75	2.6	258.8	14.61	1.7	271.5	-0.22	0.00	0.03
5	5	7	75	2.8	251.8	15.96	44.91	3.99	2.2	256.4	14.88	1.8	250.0	0.19	0.00	0.04
6	5	7	75	2.0	353.2	14.35	39.25	29.58	3.2	28.5	14.12	5.3	49.9	-0.31	0.00	0.11
7	5	7	75	1.8	40.9	15.73	18.42	23.39	1.7	23.6	16.69	1.5	71.2	0.69	0.00	0.39
8	5	7	75	2.5	43.8	18.01	15.74	29.25	2.9	19.4	18.57	3.0	33.9	0.68	0.00	0.67
9	5	7	75	7.1	64.4	18.31	20.51	10.36	7.4	56.8	17.31	7.6	68.6	0.92	0.00	0.75
10	5	7	75	3.2	39.9	18.95	18.75	22.69	3.4	46.6	18.57	4.1	65.1	0.66	0.00	0.68
11	5	7	75	4.9	28.6	20.62	16.74	21.99	4.7	24.0	19.74	4.6	28.0	0.89	0.00	1.04
12	5	7	75	4.2	94.5	22.05	16.31	29.01	4.5	81.1	21.08	4.8	79.5	0.86	0.00	1.19
13	5	7	75	7.9	5.4	22.56	15.99	24.04	8.7	357.6	21.47	9.1	1.8	0.93	0.00	1.14
14	5	7	75	5.1	121.8	24.24	12.76	24.27	5.2	79.7	23.54	5.3	48.2	1.10	0.00	1.42
15	5	7	75	5.7	51.7	24.82	12.93	24.33	6.1	34.4	23.72	6.2	43.1	1.07	0.00	1.23
16	5	7	75	4.7	328.1	24.27	14.02	20.95	5.0	316.2	23.62	4.9	312.6	0.65	0.00	0.65
17	5	7	75	5.4	329.2	23.92	15.50	11.36	6.4	326.2	23.27	7.0	331.4	0.50	0.00	0.34
18	5	7	75	10.4	312.0	21.15	20.12	8.08	12.6	306.7	21.09	14.4	311.9	0.30	0.00	0.20
19	5	7	75	12.5	332.8	20.85	21.76	11.12	15.4	326.0	20.56	17.2	331.4	-0.09	0.00	0.17
20	5	7	75	17.5	53.4	18.20	26.25	9.29	20.9	47.1	17.63	23.2	54.7	0.38	0.00	0.06
21	5	7	75	4.6	57.3	16.74	37.08	15.20	6.5	55.7	16.47	8.1	65.7	0.10	0.00	0.04
22	5	7	75	1.9	117.3	15.38	40.41	17.94	2.6	66.1	15.71	4.2	59.9	0.17	0.00	0.04
23	5	7	75	3.5	254.5	16.06	40.22	7.08	2.7	282.4	15.45	1.6	258.3	-0.31	0.00	0.04

RIO BLANCO OIL SHALE PROJECT 60 METER TOWER

HR	DY	MO	YR	10 - METER LEVEL					30 - METER LEVEL			60 - METER LEVEL				
				WS10	WDR10	AT10	RH10	SG10	WS30	WDR30	AT30	WS60	WDR60	DT60	PREC	SI
0	6	7	75	3.9	246.9	16.48	38.66	6.96	2.8	253.5	16.02	2.0	157.9	-0.24	0.00	0.04
1	6	7	75	5.3	229.5	16.09	38.79	4.25	5.0	213.0	15.75	4.5	139.6	-0.17	0.00	0.03
2	6	7	75	3.0	353.0	15.59	36.37	29.74	3.2	34.4	15.16	4.3	57.3	-0.34	0.00	0.03
3	6	7	75	3.3	268.3	13.16	66.73	7.80	2.8	296.9	12.59	2.2	330.0	-0.33	0.00	0.03
4	6	7	75	4.2	279.6	14.50	56.40	3.76	3.8	289.4	13.79	3.1	301.6	0.10	0.00	0.03
5	6	7	75	3.9	302.4	14.04	55.99	5.02	4.4	319.7	13.88	4.2	343.2	-0.66	0.00	0.04
6	6	7	75	1.4	58.0	14.87	28.07	13.00	2.7	44.7	15.24	4.6	56.0	0.04	0.00	0.14
7	6	7	75	4.0	84.2	14.70	22.09	8.95	4.2	70.9	14.42	4.2	74.7	0.55	0.00	0.38
8	6	7	75	3.9	70.7	15.92	23.26	10.37	4.4	66.4	15.35	4.7	69.1	0.74	0.00	0.66
9	6	7	75	5.9	31.3	17.71	29.22	20.90	6.2	25.9	16.76	6.4	35.6	0.79	0.00	0.94
10	6	7	75	6.6	17.2	19.45	24.66	26.06	7.2	12.0	18.18	7.2	29.8	1.07	0.00	1.16
11	6	7	75	6.8	44.9	20.96	20.35	15.82	7.5	34.0	19.88	7.8	43.3	1.06	0.00	1.34
12	6	7	75	5.9	66.5	22.73	16.78	22.08	5.6	49.1	21.57	6.1	65.1	1.14	0.00	1.44
13	6	7	75	5.6	19.7	23.74	14.79	27.12	6.0	359.9	22.62	6.0	23.1	1.08	0.00	1.47
14	6	7	75	7.2	36.0	24.91	12.93	22.61	7.9	30.6	23.70	8.2	39.5	1.16	0.00	1.42
15	6	7	75	6.7	41.1	25.18	13.41	20.55	7.7	34.6	23.89	8.4	50.4	1.24	0.00	1.28
16	6	7	75	8.9	5.6	25.33	13.38	26.92	9.9	0.2	24.08	10.3	8.9	1.04	0.00	1.00
17	6	7	75	9.2	354.7	25.57	13.56	30.69	10.0	348.9	24.51	10.4	356.0	0.94	0.00	0.84
18	6	7	75	9.7	1.0	24.94	14.15	27.04	10.5	357.8	24.11	11.2	357.2	0.71	0.00	0.53
19	6	7	75	7.5	323.6	22.83	15.87	4.41	9.0	332.9	23.01	10.0	350.7	-0.69	0.00	0.23
20	6	7	75	7.3	297.2	20.32	18.50	6.31	8.3	320.8	21.29	8.8	354.6	-1.92	0.00	0.07
21	6	7	75	5.8	293.9	19.03	17.91	6.62	5.6	311.0	21.24	5.8	353.2	-0.74	0.00	0.04
22	6	7	75	4.9	292.2	10.12	17.55	5.49	4.6	303.5	21.29	3.6	349.3	-0.36	0.00	0.03
23	6	7	75	4.8	293.7	13.88	17.83	5.53	4.8	314.4	21.02	3.8	358.2	-0.73	0.00	0.03

RIO BLANCO OIL SHALE PROJECT   60 METER TOWER

				10 - METER LEVEL					30 - METER LEVEL			60 - METER LEVEL				
HR	DY	MO	YR	WS10	WDR10	AT10	RH10	SG10	WS30	WDR30	AT30	WS60	WDR60	DT60	PREC	SI
0	7	7	75	3.7	295.4	10.00	18.12	4.81	2.3	324.2	20.81	2.5	48.0	-0.57	0.00	0.03
1	7	7	75	4.6	250.1	10.17	18.84	4.25	3.7	240.1	20.12	2.3	249.3	-0.09	0.00	0.03
2	7	7	75	2.5	267.5	8.97	19.18	5.36	2.5	287.5	20.07	2.0	287.5	0.09	0.00	0.03
3	7	7	75	1.8	307.6	5.73	21.26	11.49	2.7	353.5	16.63	3.7	47.9	-0.37	0.00	0.03
4	7	7	75	3.2	222.9	12.23	22.89	9.59	2.1	216.7	17.72	1.3	276.5	-0.25	0.00	0.03
5	7	7	75	1.1	216.4	11.64	23.92	12.62	1.1	306.4	16.18	1.3	71.2	-0.59	0.00	0.04
6	7	7	75	5.2	274.8	12.10	19.80	4.01	4.6	274.5	19.06	3.4	275.4	-0.81	0.00	0.14
7	7	7	75	3.2	32.2	11.22	15.76	15.83	3.0	9.7	19.44	3.2	335.1	-0.21	0.00	0.37
8	7	7	75	3.3	63.3	10.27	15.79	15.35	3.7	55.5	19.78	3.4	59.7	0.63	0.00	0.65
9	7	7	75	3.7	78.1	12.41	17.11	17.07	4.0	68.9	21.45	4.0	82.3	0.85	0.00	0.92
10	7	7	75	7.4	64.1	22.79	16.24	12.77	8.0	57.2	22.80	8.4	67.7	0.87	0.00	1.15
11	7	7	75	7.0	67.3	23.86	15.53	14.66	7.4	62.7	23.94	8.5	67.8	1.04	0.00	1.33
12	7	7	75	7.1	65.7	24.81	13.76	16.52	8.2	54.5	24.99	8.4	61.8	1.07	0.00	1.33
13	7	7	75	6.0	41.3	25.20	12.54	19.11	6.7	34.5	25.48	7.5	43.5	1.07	0.00	1.42
14	7	7	75	9.1	49.4	25.54	12.58	18.26	9.9	43.2	25.78	10.8	49.4	0.98	0.00	1.23
15	7	7	75	11.7	41.4	24.31	14.69	9.12	13.4	34.8	24.95	14.0	36.6	0.82	0.00	0.72
16	7	7	75	7.6	60.2	25.14	12.15	14.31	8.5	52.8	25.71	9.2	57.0	0.92	0.00	1.01
17	7	7	75	10.4	31.6	24.65	13.72	11.08	11.4	28.8	25.41	12.1	32.8	0.84	0.00	0.70
18	7	7	75	9.2	28.4	23.66	14.83	8.97	11.5	24.0	24.75	12.7	35.4	0.38	0.00	0.37
19	7	7	75	10.5	63.3	23.08	14.66	8.05	12.5	52.9	24.33	13.8	65.1	0.20	0.00	0.21
20	7	7	75	3.7	9.4	21.10	16.96	24.56	6.2	27.1	22.59	9.0	49.2	-0.41	0.00	0.07
21	7	7	75	4.3	326.1	21.03	19.85	27.41	5.8	359.7	20.88	8.8	23.7	-0.76	0.00	0.04
22	7	7	75	4.5	297.9	20.88	23.90	10.06	3.5	339.0	20.38	5.0	34.6	-0.42	0.00	0.03
23	7	7	75	4.5	351.6	19.63	25.91	25.97	6.4	15.6	19.35	9.2	32.2	-0.37	0.00	0.03

RIO BLANCO OIL SHALE PROJECT 60 METER TOWER

				10 - METER LEVEL					30 - METER LEVEL			60 - METER LEVEL				
HR	DY	MO	YR	WS10	WDR10	AT10	RH10	SG10	WS30	WDR30	AT30	WS60	WDR60	DT60	PREC	SI
0	8	7	75	10.7	348.7	17.87	26.41	29.66	13.2	356.4	17.83	16.6	9.6	-0.66	0.00	0.03
1	8	7	75	2.1	87.1	17.65	27.66	22.74	4.0	55.2	17.00	5.7	46.7	0.05	0.00	0.03
2	8	7	75	2.3	343.5	16.74	38.60	28.96	3.1	1.5	15.99	5.0	24.6	0.17	0.00	0.03
3	8	7	75	2.4	318.1	15.98	45.63	11.21	2.6	348.1	15.25	3.9	38.4	-0.09	0.00	0.03
4	8	7	75	4.8	289.3	15.85	49.35	5.01	4.2	303.8	15.40	3.7	336.6	-0.05	0.00	0.03
5	8	7	75	2.4	334.3	14.99	54.70	15.95	2.9	5.7	14.33	4.1	21.2	-0.27	0.00	0.03
6	8	7	75	2.9	303.6	15.42	35.67	7.34	3.2	324.5	15.04	2.9	351.9	0.17	0.00	0.15
7	8	7	75	1.0	62.6	16.86	21.26	21.74	0.9	314.3	16.99	1.1	285.6	0.67	0.00	0.30
8	8	7	75	1.9	46.7	17.47	23.78	12.56	1.6	22.9	17.31	1.6	42.2	0.56	0.00	0.33
9	8	7	75	3.7	52.0	20.30	21.12	20.60	3.9	48.8	19.80	4.3	49.6	0.73	0.00	0.87
10	8	7	75	3.9	64.0	21.77	19.86	21.28	4.9	64.1	20.97	5.9	57.8	0.81	0.00	1.14
11	8	7	75	5.2	27.4	23.90	17.98	25.90	5.5	24.1	22.75	6.1	20.5	0.95	0.00	1.31
12	8	7	75	8.5	10.5	24.13	17.57	20.48	9.2	4.3	23.23	10.2	5.4	0.75	0.00	0.81
13	8	7	75	7.9	6.1	24.44	16.86	20.65	8.6	359.6	23.58	8.8	5.6	0.76	0.00	0.72
14	8	7	75	11.7	199.3	18.49	23.45	10.15	15.3	193.5	19.19	18.9	201.6	-1.03	0.00	0.24
15	8	7	75	8.4	235.1	21.01	26.79	5.58	9.4	223.7	20.72	9.5	207.5	-0.66	0.00	0.21
16	8	7	75	7.7	234.6	21.98	23.08	5.01	8.8	221.4	21.86	8.4	206.2	-0.66	0.00	0.14
17	8	7	75	7.1	260.2	22.40	22.41	6.16	8.3	267.8	22.13	8.3	288.4	-0.44	0.00	999.00
18	8	7	75	13.0	326.8	20.38	25.65	15.46	15.5	321.2	19.85	16.4	328.7	0.27	0.00	999.00
19	8	7	75	14.3	347.9	19.78	26.51	26.15	16.7	344.4	19.32	18.3	355.2	0.15	0.00	999.00
20	8	7	75	4.2	278.7	19.19	26.26	11.01	4.3	309.3	18.84	4.4	344.6	-0.13	0.00	999.00
21	8	7	75	1.8	166.6	17.84	30.73	18.45	3.1	45.7	17.27	3.9	49.6	0.01	0.00	999.00
22	8	7	75	6.8	233.9	17.59	33.20	4.34	6.7	207.1	17.65	6.7	193.8	-0.82	0.00	999.00
23	8	7	75	9.3	230.3	18.05	31.47	5.53	11.1	214.4	18.14	11.6	209.2	-0.60	0.00	999.00

RIO BLANCO OIL SHALE PROJECT 60 METER TOWER

				10 - METER LEVEL					30 - METER LEVEL			60 - METER LEVEL				
HR	DY	MO	YR	WS10	WDR10	AT10	RH10	SG10	WS30	WDR30	AT30	WS60	WDR60	DT60	PREC	SI
0	9	7	75	6.5	257.8	18.47	27.04	8.41	6.7	239.3	18.39	8.9	208.6	-0.61	0.00	999.00
1	9	7	75	10.1	289.1	14.32	55.15	9.47	13.1	294.8	16.82	15.8	308.9	-3.65	0.00	999.00
2	9	7	75	6.7	167.2	14.64	75.81	13.11	8.6	173.2	14.49	11.7	194.3	-0.41	0.00	999.00
3	9	7	75	6.2	188.1	14.75	76.39	9.91	7.2	181.5	14.47	8.7	163.6	-0.40	0.00	999.00
4	9	7	75	9.9	234.6	14.03	78.85	12.93	12.7	215.1	13.92	16.6	213.7	-1.07	0.00	999.00
5	9	7	75	8.0	230.3	13.93	76.78	12.54	12.4	207.1	14.25	15.3	201.4	-1.23	0.00	999.00
6	9	7	75	8.8	248.6	15.67	71.56	6.14	10.3	239.2	15.57	11.8	239.7	-0.28	0.00	999.00
7	9	7	75	13.4	247.5	16.26	59.48	6.22	16.6	245.2	16.14	18.6	247.8	-0.46	0.00	999.00
8	9	7	75	4.6	219.2	17.69	45.81	16.64	4.9	219.1	17.14	6.3	222.6	0.61	0.00	999.00
9	9	7	75	2.9	176.6	18.64	29.66	12.89	2.9	174.9	18.26	2.4	174.1	0.57	0.00	999.00
10	9	7	75	3.7	91.2	20.50	24.39	24.12	4.1	62.5	20.26	4.5	83.2	0.77	0.00	999.00
11	9	7	75	6.9	265.2	21.40	21.55	12.02	7.3	256.9	20.57	7.4	254.0	0.75	0.00	999.00
12	9	7	75	4.1	185.5	22.47	16.15	22.89	3.9	210.2	21.71	4.1	263.4	0.86	0.00	999.00
13	9	7	75	4.4	270.7	22.81	16.04	15.98	4.8	268.0	21.92	4.6	266.7	0.90	0.00	999.00
14	9	7	75	7.2	194.3	20.63	24.83	14.84	9.2	194.6	20.20	11.7	210.4	0.42	0.00	999.00
15	9	7	75	5.7	99.8	18.83	32.73	12.51	6.2	83.9	18.16	7.8	88.4	0.42	0.00	999.00
16	9	7	75	6.0	181.2	21.00	23.95	9.31	7.1	180.5	20.14	6.8	188.4	0.73	0.00	999.00
17	9	7	75	3.2	180.2	21.99	23.17	9.78	3.6	170.9	21.33	3.6	184.5	0.57	0.01	999.00
18	9	7	75	15.3	30.1	18.82	48.22	8.78	17.7	24.0	18.15	18.3	32.0	0.50	0.00	999.00
19	9	7	75	9.0	39.0	16.49	63.89	12.61	10.5	33.0	15.84	11.4	39.0	0.50	0.00	999.00
20	9	7	75	4.2	214.9	15.49	72.54	5.53	4.6	200.6	14.91	4.8	199.3	0.16	0.00	999.00
21	9	7	75	4.3	267.1	15.21	76.10	5.23	3.6	254.7	14.64	2.8	215.7	-0.27	0.00	999.00
22	9	7	75	5.7	221.5	16.10	70.85	4.93	5.8	203.6	16.07	5.7	190.5	-0.39	0.00	999.00
23	9	7	75	7.3	234.1	16.38	63.99	5.02	8.0	220.7	16.38	8.3	211.7	-0.42	0.00	999.00

RIO BLANCO OIL SHALE PROJECT 60 METER TOWER

				10 - METER LEVEL					30 - METER LEVEL			60 - METER LEVEL				
HR	DY	MO	YR	WS10	WDR10	AT10	RH10	SG10	WS30	WDR30	AT30	WS60	WDR60	DT60	PREC	SI
0	10	7	75	2.4	204.6	15.37	66.53	17.73	2.5	149.7	15.17	3.5	134.2	-0.55	0.00	999.00
1	10	7	75	4.8	233.9	15.64	70.14	4.26	4.3	219.1	15.07	3.7	211.2	0.01	0.00	999.00
2	10	7	75	2.3	322.0	15.26	69.12	15.65	1.5	9.1	14.14	2.2	76.1	-0.54	0.00	999.00
3	10	7	75	1.4	250.8	15.49	73.85	8.83	1.4	284.0	13.99	1.6	274.0	-0.11	0.00	999.00
4	10	7	75	4.5	22.7	13.26	73.50	9.70	4.9	29.5	12.97	5.6	38.9	-0.59	0.00	999.00
5	10	7	75	3.8	269.4	13.17	78.49	5.29	3.6	280.6	12.59	1.6	272.2	0.01	0.00	999.00
6	10	7	75	4.0	292.6	12.92	66.32	6.04	4.1	305.4	12.54	3.3	342.2	0.11	0.00	999.00
7	10	7	75	3.1	39.7	15.60	28.95	18.43	3.1	15.1	15.60	2.8	12.7	0.67	0.00	999.00
8	10	7	75	3.0	41.9	16.83	22.20	14.69	3.3	47.9	16.75	3.5	54.0	0.64	0.00	999.00
9	10	7	75	4.2	71.9	17.54	32.88	14.91	4.4	61.4	16.89	4.8	67.7	0.70	0.00	999.00
10	10	7	75	6.4	60.5	19.53	24.52	16.15	6.8	54.4	18.60	7.2	59.2	0.95	0.00	999.00
11	10	7	75	6.5	51.1	21.28	22.07	16.71	7.1	43.4	20.03	7.6	57.9	1.16	0.00	999.00
12	10	7	75	8.0	60.8	21.74	18.96	11.91	9.1	53.9	20.39	1.0	58.7	1.19	0.00	999.00
13	10	7	75	7.1	54.3	22.96	16.51	14.65	8.0	43.9	21.54	9.1	51.8	1.24	0.00	999.00
14	10	7	75	9.4	68.9	23.45	14.05	11.56	10.4	58.6	22.19	11.2	60.3	1.00	0.00	999.00
15	10	7	75	10.5	6.0	23.23	15.37	26.94	11.2	2.1	22.23	11.4	359.6	0.83	0.00	999.00
16	10	7	75	8.0	25.7	24.42	13.09	19.33	8.6	19.1	23.37	9.2	30.2	0.90	0.00	999.00
17	10	7	75	11.0	39.3	23.58	14.58	8.41	13.3	32.9	22.81	13.9	39.4	0.61	0.00	999.00
18	10	7	75	10.6	44.8	22.46	17.54	7.44	12.2	38.1	21.82	13.0	46.9	0.40	0.00	999.00
19	10	7	75	4.3	33.5	21.62	19.13	9.12	6.6	39.2	21.28	8.2	51.5	-0.08	0.00	999.00
20	10	7	75	8.4	17.1	20.30	22.01	13.49	11.0	19.9	20.23	13.5	32.0	-0.43	0.00	999.00
21	10	7	75	8.3	17.4	19.30	21.51	20.56	11.5	19.6	19.49	14.7	33.3	-0.77	0.00	999.00
22	10	7	75	3.7	352.5	13.28	21.64	30.61	6.4	17.0	18.34	9.0	40.4	-0.31	0.00	999.00
23	10	7	75	3.1	310.9	18.35	22.20	14.46	3.3	357.0	17.74	6.6	29.8	-0.53	0.00	999.00

RIO BLANCO OIL SHALE PROJECT 60 METER TOWER

				10 - METER LEVEL					30 - METER LEVEL			60 - METER LEVEL				
HR ++	DY ++	MO ++	YR ++	WS10	WDR10	AT10	RH10	SG10	WS30	WDR30	AT30	WS60	WDR60	DT60	PREC	SI
0	11	7	75	3.5	317.1	17.36	22.19	19.29	4.5	358.8	17.13	8.1	22.2	-0.94	0.00	999.00
1	11	7	75	3.0	336.0	16.91	22.92	26.65	5.0	355.8	16.64	9.2	11.5	-0.76	0.00	999.00
2	11	7	75	2.6	328.5	17.30	23.73	18.67	4.5	17.8	17.19	6.3	40.6	-0.74	0.00	999.00
3	11	7	75	2.7	314.7	16.50	24.65	19.75	3.4	358.7	15.99	6.5	27.0	-0.36	0.00	999.00
4	11	7	75	2.8	0.3	15.91	27.45	28.27	3.7	14.8	15.31	5.9	29.1	-0.15	0.00	999.00
5	11	7	75	3.7	317.9	15.05	30.85	7.23	3.8	335.4	14.45	3.8	5.3	0.07	0.00	999.00
6	11	7	75	4.1	296.1	15.21	24.80	5.93	3.5	328.3	15.13	2.9	5.7	-0.38	0.00	999.00
7	11	7	75	3.4	56.8	16.75	14.84	15.70	3.2	56.8	16.81	3.6	79.9	0.56	0.00	999.00
8	11	7	75	3.5	62.6	17.67	15.91	12.93	3.5	56.2	17.21	3.9	75.4	0.79	0.00	999.00
9	11	7	75	7.4	79.7	18.60	18.62	12.99	8.2	72.0	17.50	8.8	77.9	0.93	0.00	999.00
10	11	7	75	7.2	81.6	20.12	17.07	14.28	7.7	72.7	18.91	8.3	85.5	1.08	0.00	999.00
11	11	7	75	5.4	92.1	20.91	16.05	20.28	5.8	59.6	19.86	6.9	71.2	0.92	0.00	999.00
12	11	7	75	8.9	40.2	22.24	14.87	20.47	9.3	41.9	20.81	9.4	48.4	1.27	0.00	0.05
13	11	7	75	7.7	76.9	22.34	14.54	14.12	8.3	62.1	21.04	8.7	66.0	1.08	0.00	0.30
14	11	7	75	8.5	39.7	22.82	14.55	20.46	10.1	41.7	21.54	10.8	50.5	0.97	0.01	0.79
15	11	7	75	10.5	48.3	23.22	14.13	10.97	11.8	36.9	22.03	11.7	44.2	1.00	0.00	1.09
16	11	7	75	11.6	46.1	23.77	12.56	12.44	12.7	37.0	22.69	13.6	45.9	1.07	0.00	1.05
17	11	7	75	13.3	40.6	23.85	12.94	9.66	14.5	34.8	22.82	15.3	44.3	1.04	0.00	0.83
18	11	7	75	12.3	51.4	23.14	13.31	7.75	13.8	43.0	22.37	14.5	49.3	0.70	0.00	0.52
19	11	7	75	8.4	57.9	21.98	15.91	7.66	10.9	52.7	21.59	11.5	62.4	0.12	0.00	0.17
20	11	7	75	6.5	29.9	19.89	18.03	7.41	9.8	34.5	19.97	12.6	48.8	-0.65	0.00	0.03
21	11	7	75	5.7	1.4	18.50	18.89	28.35	9.0	14.7	18.87	12.4	35.2	-1.16	0.00	0.01
22	11	7	75	1.2	219.3	18.37	20.19	16.18	2.1	32.9	17.37	5.7	50.6	-0.54	0.00	0.00
23	11	7	75	2.7	152.4	18.88	19.68	13.30	2.3	89.3	17.56	2.8	41.3	0.26	0.00	0.00

RIO BLANCO OIL SHALE PROJECT 60 METER TOWER

HR	DY	MO	YR	10 - METER LEVEL					30 - METER LEVEL			60 - METER LEVEL				
HR	DY	MO	YR	WS10	WDR10	AT10	RH10	SG10	WS30	WDR30	AT30	WS60	WDR60	DT60	PREC	SI
0	12	7	75	4.1	306.8	17.71	20.37	6.87	3.7	330.7	16.99	3.3	348.1	-0.43	0.00	0.00
1	12	7	75	4.2	302.0	17.15	20.51	8.45	4.0	323.2	16.73	4.3	14.7	-0.44	0.00	0.00
2	12	7	75	3.1	347.7	16.28	21.64	27.67	5.1	19.9	16.26	7.6	34.7	-0.81	0.00	0.00
3	12	7	75	3.0	290.4	16.22	22.22	5.28	2.9	305.9	15.53	1.8	322.0	-0.05	0.00	0.00
4	12	7	75	2.8	290.3	15.57	25.02	4.83	1.7	307.7	13.96	1.1	341.4	-0.09	0.00	0.00
5	12	7	75	0.8	46.5	14.28	25.25	12.23	2.0	64.1	13.29	2.6	54.6	-0.30	0.00	0.00
6	12	7	75	1.5	90.3	14.09	18.67	9.42	1.6	50.1	14.17	2.2	66.4	0.16	0.00	0.13
7	12	7	75	1.6	74.2	15.34	18.03	11.83	1.8	53.9	15.14	2.2	90.2	0.56	0.00	0.31
8	12	7	75	2.7	44.7	17.50	14.67	26.26	2.8	42.5	17.56	2.9	55.5	0.66	0.00	0.59
9	12	7	75	2.7	163.0	18.42	17.08	18.70	2.5	159.8	18.66	2.3	178.6	0.77	0.00	0.85
10	12	7	75	1.5	135.5	19.09	15.27	28.49	1.4	309.1	19.38	1.7	261.5	0.63	0.00	0.56
11	12	7	75	3.1	83.4	20.10	14.38	23.53	3.5	86.7	19.77	4.1	103.9	0.72	0.00	0.59
12	12	7	75	2.9	326.9	20.87	13.90	22.45	2.9	325.6	20.48	2.9	329.2	0.89	0.00	0.65
13	12	7	75	6.1	283.5	20.08	16.83	7.73	6.5	282.0	19.31	6.7	284.8	0.69	0.00	0.48
14	12	7	75	4.3	50.0	21.56	13.89	17.28	4.3	50.0	20.75	4.7	63.1	0.77	0.00	0.84
15	12	7	75	5.4	278.1	23.06	12.99	20.77	5.7	274.4	22.09	6.2	272.1	1.00	0.00	1.17
16	12	7	75	5.9	321.1	23.36	13.78	20.98	6.5	319.4	22.10	6.6	322.0	0.97	0.00	999.00
17	12	7	75	3.5	319.5	22.75	15.21	18.47	4.2	319.6	21.96	4.4	323.9	0.70	0.00	0.50
18	12	7	75	2.7	343.7	22.61	15.57	26.18	2.9	340.5	21.94	3.0	357.7	0.58	0.00	0.24
19	12	7	75	9.9	247.4	20.38	22.03	7.24	11.6	245.4	20.05	12.2	253.2	-0.14	0.00	0.11
20	12	7	75	11.2	242.5	19.29	25.38	6.69	14.3	246.3	19.23	15.5	254.1	-0.72	0.00	0.02
21	12	7	75	11.9	253.0	19.17	25.86	7.07	15.1	251.1	19.30	16.4	259.6	-1.04	0.00	0.01
22	12	7	75	12.9	249.2	18.79	26.20	5.61	16.1	250.2	19.07	17.7	258.4	-1.19	0.00	0.01
23	12	7	75	12.2	253.0	18.46	26.42	6.86	16.5	253.5	18.77	18.8	261.3	-1.21	0.00	0.01

RIO BLANCO OIL SHALE PROJECT   60 METER TOWER

				10 - METER LEVEL					30 - METER LEVEL			60 - METER LEVEL				
HR	DY	MO	YR	WS10	WDR10	AT10	RH10	SG10	WS30	WDR30	AT30	WS60	WDR60	DT60	PREC	SI
0	13	7	75	12.7	255.4	18.08	26.65	6.38	16.6	255.0	18.23	19.0	262.1	-1.03	0.00	0.01
1	13	7	75	11.2	267.9	17.80	26.28	7.57	15.0	268.3	17.96	18.3	278.9	-0.92	0.00	0.01
2	13	7	75	4.3	243.7	16.84	28.73	13.68	6.8	254.0	16.81	10.3	265.9	-0.71	0.00	0.01
3	13	7	75	4.0	172.4	16.21	35.61	10.49	4.9	172.4	15.75	4.9	183.9	-0.20	0.00	0.01
4	13	7	75	5.8	219.4	16.36	39.93	8.91	7.0	214.7	15.91	7.8	222.1	0.14	0.00	0.01
5	13	7	75	2.0	138.2	15.32	42.66	23.46	3.1	142.2	14.94	3.2	167.6	-0.34	0.00	0.01
6	13	7	75	4.6	186.1	16.23	35.94	14.29	6.4	192.6	15.66	7.7	213.7	0.32	0.00	0.13
7	13	7	75	2.7	169.9	16.93	30.18	23.22	3.4	191.6	16.39	4.7	219.2	0.52	0.00	0.22
8	13	7	75	6.7	233.8	18.49	28.46	17.35	7.1	239.9	17.61	8.9	236.1	0.92	0.00	0.52
9	13	7	75	10.7	256.1	19.42	26.69	11.35	10.7	246.3	18.59	10.8	243.7	0.76	0.00	0.73
10	13	7	75	8.1	220.3	21.24	22.67	20.15	9.9	212.0	19.95	11.0	216.2	1.27	0.00	0.96
11	13	7	75	9.4	223.3	21.44	20.67	15.66	11.6	212.6	20.35	11.8	228.5	1.15	0.00	999.00
12	13	7	75	12.6	247.0	21.84	19.63	12.58	14.3	241.6	20.43	15.7	243.8	1.25	0.00	999.00
13	13	7	75	9.0	217.9	23.70	15.26	22.03	10.3	203.7	22.16	12.0	208.6	1.40	0.00	1.42
14	13	7	75	14.2	271.4	17.67	33.52	7.26	17.1	269.9	17.76	18.9	276.2	0.17	0.00	999.00
15	13	7	75	6.1	239.4	22.18	19.88	21.75	6.2	228.5	21.21	8.0	241.8	1.06	0.00	999.00
16	13	7	75	12.7	256.8	22.94	16.10	10.46	13.3	245.2	21.92	14.3	244.2	0.86	0.00	999.00
17	13	7	75	11.7	275.4	21.02	21.59	8.89	12.8	270.8	20.26	13.5	274.0	0.68	0.00	0.42
18	13	7	75	7.7	250.8	20.06	21.31	8.93	9.4	247.1	19.96	10.7	255.0	0.43	0.00	0.27
19	13	7	75	7.2	261.8	20.75	18.71	8.45	8.3	255.8	20.25	9.2	263.0	0.45	0.00	0.21
20	13	7	75	8.4	262.1	19.55	24.15	5.42	10.5	263.4	19.43	12.3	269.5	-0.30	0.00	0.04
21	13	7	75	11.1	277.7	18.48	27.15	6.49	14.4	276.4	18.35	16.3	284.4	-0.35	0.00	0.01
22	13	7	75	11.1	254.9	17.95	28.38	5.75	13.8	256.8	18.10	13.5	266.1	-1.17	0.00	0.01
23	13	7	75	4.2	225.8	19.21	25.08	8.70	3.3	228.3	19.32	2.8	203.1	-0.71	0.00	0.01

RIO BLANCO OIL SHALE PROJECT 60 METER TOWER

				10 - METER LEVEL					30 - METER LEVEL			60 - METER LEVEL				
HR	DY	MO	YR	WS10	WDR10	AT10	RH10	SG10	WS30	WDR30	AT30	WS60	WDR60	DT60	PREC	SI
0	14	7	75	5.1	327.6	17.83	26.72	21.46	5.0	315.4	17.82	4.8	315.0	-0.41	0.00	0.01
1	14	7	75	5.1	257.7	17.23	28.06	5.74	4.8	263.8	17.11	3.6	280.4	-0.63	0.00	0.01
2	14	7	75	1.6	324.8	16.27	33.72	12.95	2.1	63.1	15.30	2.6	90.6	-0.55	0.00	0.01
3	14	7	75	5.5	237.2	16.96	33.52	4.64	4.5	217.8	16.50	3.6	208.5	-0.09	0.00	0.01
4	14	7	75	4.8	229.9	17.35	30.53	4.79	3.5	228.2	17.13	2.4	225.2	-0.45	0.00	0.01
5	14	7	75	1.6	241.5	16.13	34.65	16.18	3.2	231.2	16.37	2.2	225.8	-1.06	0.00	0.01
6	14	7	75	1.4	316.9	16.97	23.57	21.11	2.0	195.0	17.20	2.6	177.2	-0.34	0.00	0.09
7	14	7	75	2.7	135.9	17.78	15.69	14.19	2.6	122.7	17.80	2.3	138.1	0.76	0.00	0.31
8	14	7	75	2.3	167.3	19.07	15.17	22.29	3.0	146.5	18.84	3.0	160.4	0.73	0.00	0.60
9	14	7	75	4.4	126.0	20.99	17.17	12.74	4.5	119.1	20.30	4.5	135.0	0.73	0.00	0.88
10	14	7	75	5.1	112.9	22.63	15.77	19.78	5.2	109.5	21.99	5.5	125.2	0.89	0.00	1.12
11	14	7	75	3.9	332.0	21.99	17.52	28.30	4.3	323.7	21.30	3.9	337.9	0.70	0.00	0.63
12	14	7	75	6.9	283.4	23.71	16.70	17.08	7.6	276.4	22.40	7.8	282.5	1.11	0.00	1.08
13	14	7	75	11.2	98.8	16.13	22.38	7.33	13.5	84.4	20.59	12.0	89.5	999.00	0.00	0.54
14	14	7	75	5.0	104.7	24.15	11.76	16.64	5.0	96.3	23.38	5.1	104.8	0.76	0.00	1.34
15	14	7	75	6.7	126.6	24.08	13.33	11.91	7.1	120.9	23.48	7.1	123.6	0.55	0.00	0.79
16	14	7	75	6.0	202.3	19.12	24.06	14.94	7.7	205.1	21.05	11.4	216.0	-0.02	0.00	0.35
17	14	7	75	2.8	42.9	24.56	10.41	24.72	2.6	11.1	24.73	2.8	37.1	0.70	0.00	0.74
18	14	7	75	7.2	258.9	22.94	16.09	6.06	7.9	245.9	22.57	8.9	246.6	0.19	0.00	0.30
19	14	7	75	10.0	249.0	21.80	18.40	4.19	11.5	249.6	22.76	11.8	259.3	-0.80	0.00	0.07
20	14	7	75	10.5	325.6	20.68	19.12	17.76	12.6	313.6	20.31	14.3	312.7	0.17	0.00	999.00
21	14	7	75	6.0	267.1	19.65	21.58	7.06	7.3	270.6	19.42	8.0	280.2	0.00	0.00	999.00
22	14	7	75	4.4	183.6	18.68	23.76	10.40	6.1	178.8	18.37	7.9	177.9	-0.21	0.00	999.00
23	14	7	75	9.9	208.3	17.96	28.73	14.38	13.4	208.9	17.54	18.7	218.7	0.18	0.00	999.00

RIO BLANCO OIL SHALE PROJECT 60 METER TOWER

HR	DY	MO	YR	10 - METER LEVEL					30 - METER LEVEL			60 - METER LEVEL				
++	++	++	++	WS10	WDR10	AT10	RH10	SG10	WS30	WDR30	AT30	WS60	WDR60	DT60	PREC	SI
0	15	7	75	7.5	178.4	17.94	26.44	13.45	11.5	173.0	17.60	13.0	164.3	0.07	0.00	999.00
1	15	7	75	8.3	203.5	17.56	25.98	14.02	10.7	193.7	17.22	13.5	208.2	0.06	0.00	999.00
2	15	7	75	7.9	221.0	17.44	26.66	18.43	11.4	213.3	17.08	16.2	222.8	-0.02	0.00	999.00
3	15	7	75	4.9	328.1	15.44	32.18	13.63	4.6	355.6	15.24	4.9	39.3	-0.65	0.00	999.00
4	15	7	75	3.1	279.7	14.59	43.36	7.18	3.2	322.8	14.18	2.2	37.1	-0.36	0.00	999.00
5	15	7	75	2.0	295.6	14.91	47.45	5.21	2.0	310.1	14.07	0.7	47.2	-0.20	0.00	999.00
6	15	7	75	2.6	239.3	16.36	33.73	16.57	3.5	229.0	15.83	4.8	218.7	-0.17	0.00	999.00
7	15	7	75	3.9	179.1	16.84	23.63	12.01	4.7	176.2	16.32	5.1	200.5	0.36	0.00	999.00
8	15	7	75	3.7	208.2	13.00	23.97	17.86	4.9	199.9	17.35	5.8	215.6	0.62	0.00	999.00
9	15	7	75	5.0	141.3	19.75	22.93	18.24	5.6	143.1	19.05	5.9	152.6	0.85	0.00	999.00
10	15	7	75	7.3	272.3	21.50	20.18	15.76	8.0	268.0	20.35	8.9	274.4	1.09	0.00	999.00
11	15	7	75	5.0	223.5	22.01	18.59	20.80	5.6	225.2	21.26	6.5	239.3	0.78	0.00	999.00
12	15	7	75	9.4	258.6	22.61	18.04	12.61	10.3	250.7	21.39	11.0	248.2	1.07	0.00	999.00
13	15	7	75	8.1	224.6	23.31	14.65	16.95	9.0	218.0	22.24	9.1	222.0	0.96	0.00	999.00
14	15	7	75	11.3	286.8	16.80	40.14	6.26	14.3	284.0	19.15	15.0	288.9	-1.30	0.00	999.00
15	15	7	75	10.1	27.9	20.56	24.04	16.42	10.3	20.9	20.06	10.1	20.3	0.96	0.00	999.00
16	15	7	75	6.0	90.1	20.72	22.83	9.78	6.6	77.5	20.08	7.1	81.3	0.63	0.00	999.00
17	15	7	75	3.1	69.8	21.47	21.68	12.62	3.5	63.1	20.68	4.2	69.6	0.66	0.00	999.00
18	15	7	75	8.9	327.9	5.82	31.85	9.44	10.8	325.9	19.48	11.9	339.0	0.12	0.00	0.12
19	15	7	75	8.3	315.5	8.84	39.39	7.88	10.8	316.4	17.38	13.4	324.8	-0.21	0.00	0.04
20	15	7	75	5.9	222.4	15.98	31.57	4.81	5.2	219.7	19.26	3.8	217.6	-0.35	0.00	999.00
21	15	7	75	1.8	93.6	17.28	43.21	11.76	2.4	88.5	16.40	3.5	107.1	-0.51	0.00	0.02
22	15	7	75	6.5	248.5	17.54	39.91	4.54	5.2	238.2	17.37	3.7	228.0	-0.27	0.00	0.01
23	15	7	75	4.9	282.7	17.68	35.02	7.03	5.0	293.4	17.77	5.3	328.3	-0.59	0.00	0.01

RIO BLANCO OIL SHALE PROJECT 60 METER TOWER

HR	DY	MO	YR	10 - METER LEVEL					30 - METER LEVEL			60 - METER LEVEL				
				WS10	WDR10	AT10	RH10	SG10	WS30	WDR30	AT30	WS60	WDR60	DT60	PREC	SI
0	16	7	75	1.2	230.0	16.93	40.11	9.90	1.4	291.9	16.00	1.9	227.6	-0.69	0.00	999.00
1	16	7	75	6.8	294.2	16.95	35.66	4.38	6.8	306.1	16.86	6.7	329.0	-0.67	0.00	999.00
2	16	7	75	4.0	147.6	15.74	39.95	0.01	4.9	124.2	15.62	6.5	132.2	-0.48	0.00	999.00
3	16	7	75	10.4	275.8	14.93	51.84	6.24	12.4	276.7	14.99	13.2	235.0	-0.67	0.00	999.00
4	16	7	75	4.1	169.5	14.26	73.21	6.25	4.9	158.7	14.11	6.0	152.6	-0.42	0.00	999.00
5	16	7	75	999.0	999.0	999.00	999.00	999.00	999.0	999.0	999.00	999.0	999.0	999.00	0.00	999.00
6	16	7	75	4.5	277.5	13.04	75.80	5.55	3.3	275.7	12.49	1.9	241.2	-0.20	0.00	0.04
7	16	7	75	2.6	189.4	15.47	40.37	15.86	2.6	204.7	15.05	3.2	212.7	0.50	0.00	0.30
8	16	7	75	4.1	102.1	17.00	32.53	18.48	4.6	95.1	16.73	4.7	115.5	0.71	999.00	0.55
9	16	7	75	6.6	224.0	17.57	50.86	12.41	7.8	213.0	16.57	10.6	219.4	0.93	0.00	0.16
10	16	7	75	7.3	219.2	10.14	76.99	14.18	9.2	214.3	12.85	14.6	222.1	-2.72	0.00	999.00
11	16	7	75	5.7	169.1	14.06	71.43	12.74	7.4	165.4	13.52	8.2	171.4	0.31	0.01	0.22
12	16	7	75	5.0	117.6	13.63	76.36	8.73	5.6	104.8	12.89	6.2	122.1	0.55	0.00	0.29
13	16	7	75	6.1	185.0	12.79	78.26	13.90	7.2	121.3	12.08	8.8	197.7	0.18	0.00	999.00
14	16	7	75	5.0	126.6	12.59	76.74	13.75	5.5	112.0	11.95	6.4	119.1	0.56	0.00	999.00
15	16	7	75	6.1	99.3	14.77	54.89	11.96	7.2	94.7	14.00	7.4	109.9	0.81	0.00	0.82
16	16	7	75	5.6	153.0	16.21	52.13	12.35	5.6	143.3	15.57	6.1	150.0	0.64	0.00	0.58
17	16	7	75	3.7	193.9	17.21	47.16	16.50	4.8	195.8	16.64	4.9	207.1	0.51	0.00	0.34
18	16	7	75	14.4	322.7	12.34	71.58	8.50	17.9	318.1	11.72	19.5	323.3	0.43	0.00	0.17
19	16	7	75	3.8	147.4	13.78	64.43	6.83	3.3	151.1	13.44	3.3	190.8	-0.10	0.00	0.09
20	16	7	75	12.2	281.0	11.53	80.13	9.68	14.5	277.0	9.69	17.4	282.0	0.97	0.01	0.02
21	16	7	75	7.4	133.6	10.58	80.11	9.07	9.0	118.3	10.30	9.4	122.8	-0.48	0.00	0.01
22	16	7	75	5.3	192.7	10.02	82.77	10.54	6.9	182.4	9.49	7.1	184.7	0.40	0.00	0.01
23	16	7	75	6.4	212.9	10.30	84.21	12.05	8.0	196.0	9.90	9.6	192.5	0.09	0.00	0.01

RIO BLANCO OIL SHALE PROJECT 60 METER TOWER

HR	DY	MO	YR	10 - METER LEVEL					30 - METER LEVEL			60 - METER LEVEL				
HR	DY	MO	YR	WS10	WDR10	AT10	RH10	SG10	WS30	WDR30	AT30	WS60	WDR60	DT60	PREC	SI
0	17	7	75	4.1	228.9	12.01	77.27	9.65	4.6	209.1	11.45	5.7	199.2	0.03	0.00	0.01
1	17	7	75	2.6	350.2	11.10	77.64	28.07	3.2	242.3	11.48	6.2	216.5	-2.06	0.00	0.01
2	17	7	75	5.3	255.1	11.77	72.67	9.15	6.2	226.9	11.72	6.4	206.1	-0.88	0.00	0.01
3	17	7	75	3.5	208.5	12.20	74.95	9.22	4.6	208.4	11.71	5.7	210.4	-0.12	0.00	0.01
4	17	7	75	3.5	70.5	10.64	75.87	13.75	4.5	26.2	10.61	5.2	10.0	-0.83	0.00	0.01
5	17	7	75	2.4	184.8	11.58	78.37	15.56	4.1	174.7	11.25	5.4	194.0	-0.24	0.00	0.01
6	17	7	75	1.5	68.5	11.83	60.15	10.03	1.2	29.5	12.26	2.6	274.2	-0.10	0.00	0.10
7	17	7	75	7.8	197.3	14.84	34.69	16.76	9.4	207.9	14.37	11.8	224.6	0.33	0.00	0.32
8	17	7	75	6.7	212.0	16.57	36.45	19.22	8.2	211.4	15.77	12.0	229.0	0.92	0.00	0.62
9	17	7	75	9.6	216.8	17.62	43.81	15.32	11.2	216.5	16.63	14.3	224.6	0.99	0.00	0.91
10	17	7	75	9.4	229.8	18.68	36.15	17.50	11.4	225.4	17.55	14.4	224.1	1.15	0.00	1.14
11	17	7	75	10.1	215.9	19.53	27.34	15.78	12.4	211.8	18.16	14.1	219.8	1.39	0.00	1.30
12	17	7	75	9.9	209.9	19.94	23.35	15.27	11.3	208.6	18.49	13.0	217.5	1.28	0.00	1.40
13	17	7	75	9.6	234.6	18.52	24.01	15.54	11.8	229.3	17.97	13.1	239.8	0.63	0.00	0.67
14	17	7	75	6.5	235.4	15.93	55.17	10.74	8.5	218.0	15.72	10.2	223.2	-0.45	0.00	0.48
15	17	7	75	9.8	200.6	20.22	20.32	14.64	12.1	201.1	19.27	13.7	212.7	0.85	0.00	0.88
16	17	7	75	9.0	205.7	20.98	17.10	16.03	11.5	205.9	19.95	13.0	218.2	0.94	0.00	0.87
17	17	7	75	8.2	214.9	21.45	15.11	14.50	10.2	208.5	20.52	13.1	220.5	0.95	0.00	0.74
18	17	7	75	7.1	230.4	21.18	15.27	15.04	8.4	223.3	20.53	11.0	232.2	0.65	0.00	0.48
19	17	7	75	4.8	256.9	18.96	21.44	14.13	5.2	228.7	18.45	9.9	228.6	-0.03	0.00	0.12
20	17	7	75	7.0	253.9	18.32	25.08	8.06	7.8	226.7	18.22	10.1	215.6	-1.06	0.00	999.00
21	17	7	75	6.5	248.2	17.85	25.89	7.56	7.6	220.3	18.04	9.6	205.3	-1.38	0.00	0.02
22	17	7	75	6.6	256.7	17.44	25.13	10.26	8.0	222.2	17.51	11.6	207.2	-1.53	0.00	0.02
23	17	7	75	5.1	258.2	17.50	25.31	13.05	6.6	224.5	17.42	13.2	213.0	-1.13	0.00	0.02

RIO BLANCO OIL SHALE PROJECT 60 METER TOWER

				10 - METER LEVEL					30 - METER LEVEL			60 - METER LEVEL				
HR	DY	MO	YR	WS10	WDR10	AT10	RH10	SG10	WS30	WDR30	AT30	WS60	WDR60	DT60	PREC	SI
0	18	7	75	5.1	251.4	17.94	25.30	16.35	6.4	223.0	17.65	11.2	211.0	-0.55	0.00	0.02
1	18	7	75	4.4	230.3	18.34	24.05	24.08	7.0	210.6	18.03	14.5	219.2	-0.50	0.00	0.02
2	18	7	75	3.1	242.2	17.68	24.67	20.14	5.2	222.0	17.29	10.8	222.8	-0.38	0.00	0.02
3	18	7	75	3.7	242.8	17.00	28.42	22.28	5.8	243.3	16.54	10.8	226.6	-0.23	0.00	0.02
4	18	7	75	10.0	263.6	16.42	30.37	5.60	12.6	257.3	16.45	14.0	257.0	-0.46	0.00	0.02
5	18	7	75	3.0	259.2	15.77	33.67	20.79	5.1	247.3	15.77	8.1	257.3	-0.76	0.00	0.02
6	18	7	75	2.5	211.1	16.55	25.61	16.91	3.0	234.2	16.05	4.0	229.1	0.35	0.00	0.09
7	18	7	75	4.7	219.7	17.61	17.66	16.60	5.7	224.5	16.99	7.1	236.9	0.66	0.00	0.31
8	18	7	75	7.9	235.4	19.08	19.00	11.04	8.9	228.4	18.13	9.7	237.1	0.89	0.00	0.61
9	18	7	75	6.9	229.9	20.41	18.97	15.93	7.5	228.2	19.38	8.6	235.2	0.92	0.00	0.89
10	18	7	75	7.6	278.7	21.42	17.88	18.12	9.0	271.1	20.20	9.3	273.6	0.98	0.00	1.12
11	18	7	75	7.2	272.4	22.27	16.49	21.19	8.3	261.0	20.98	8.8	276.2	1.09	0.00	1.30
12	18	7	75	9.1	283.1	23.33	14.52	15.87	10.3	274.5	21.88	10.6	276.0	1.23	0.00	1.42
13	18	7	75	9.1	227.0	23.93	14.10	17.30	10.2	211.0	22.53	11.6	221.7	1.35	0.00	1.22
14	18	7	75	8.9	243.8	23.75	12.97	16.34	9.4	230.5	22.67	11.3	235.6	1.09	0.00	1.09
15	18	7	75	8.0	218.0	24.74	12.05	19.11	8.9	207.9	23.47	10.1	229.2	1.19	0.00	1.25
16	18	7	75	6.6	189.1	22.95	12.16	15.32	7.4	186.8	22.95	7.5	195.9	0.49	0.00	0.92
17	18	7	75	4.7	189.9	23.34	13.51	14.49	6.6	184.2	22.67	7.4	196.0	0.55	0.00	0.38
18	18	7	75	7.4	193.7	23.59	12.45	11.39	9.6	190.2	22.84	10.8	202.0	0.60	0.00	0.41
19	18	7	75	5.3	239.4	21.81	14.31	10.63	6.6	218.2	21.58	9.2	210.2	-0.26	0.00	0.18
20	18	7	75	7.8	252.7	20.23	16.99	7.03	8.7	223.4	20.26	11.9	205.0	-1.60	0.00	0.04
21	18	7	75	9.8	251.7	20.36	16.66	6.35	10.9	227.8	20.43	13.8	217.9	-1.59	0.00	0.02
22	18	7	75	10.3	252.7	20.88	16.48	4.11	11.4	242.5	20.83	12.4	234.7	-0.74	0.00	0.02
23	18	7	75	7.9	249.8	22.26	15.94	3.20	6.4	238.0	22.18	5.3	242.3	-0.38	0.00	0.02

RIO BLANCO OIL SHALE PROJECT 60 METER TOWER

				10 - METER LEVEL					30 - METER LEVEL			60 - METER LEVEL				
HR	DY	MO	YR	WS10	WDR10	AT10	RH10	SG10	WS30	WDR30	AT30	WS60	WDR60	DT60	PREC	SI
0	19	7	75	5.1	236.0	18.52	18.72	10.42	5.1	310.6	13.14	8.0	342.5	-0.63	0.00	0.02
1	19	7	75	2.3	302.2	18.54	20.97	14.04	2.1	9.9	17.34	3.5	41.4	-0.45	0.00	0.02
2	19	7	75	5.1	288.9	17.97	22.81	3.95	5.0	303.1	17.36	4.7	325.9	-0.27	0.00	0.02
3	19	7	75	4.4	296.6	17.90	21.44	6.12	3.2	334.8	17.82	3.6	47.1	-1.01	0.00	0.02
4	19	7	75	4.0	284.6	18.33	21.62	4.18	2.5	292.0	17.62	1.2	23.0	-0.27	0.00	0.02
5	19	7	75	4.2	276.7	18.62	21.94	3.25	3.7	279.1	17.98	2.6	239.9	0.02	0.00	0.02
6	19	7	75	2.8	273.5	19.32	18.13	4.19	2.7	278.1	18.75	1.9	270.0	0.31	0.00	0.08
7	19	7	75	2.7	40.8	19.48	13.56	12.07	1.8	20.5	20.51	1.2	82.1	0.09	0.00	0.31
8	19	7	75	2.4	109.0	20.89	13.60	24.06	2.4	97.5	21.10	2.6	128.0	0.74	0.00	0.60
9	19	7	75	3.9	191.9	22.51	14.91	20.64	3.7	181.5	22.21	3.8	152.6	0.77	0.00	0.88
10	19	7	75	5.1	263.7	23.32	14.12	17.80	5.4	265.3	22.69	5.6	273.6	0.82	0.00	0.98
11	19	7	75	7.6	328.9	23.86	14.83	18.34	8.1	320.3	22.65	8.3	324.3	0.95	0.00	1.00
12	19	7	75	9.0	296.2	25.10	13.77	16.35	8.9	282.3	23.63	9.9	286.2	1.25	0.00	1.41
13	19	7	75	9.8	284.4	25.61	12.94	15.65	10.9	277.1	24.03	11.3	284.4	1.32	0.00	1.52
14	19	7	75	8.6	283.4	26.01	12.33	12.65	9.1	272.9	24.30	9.5	282.4	1.41	0.00	1.56
15	19	7	75	6.6	335.5	26.14	11.24	24.10	6.9	326.2	24.95	7.2	326.5	1.14	0.00	1.42
16	19	7	75	7.2	306.3	25.93	11.62	18.29	7.9	296.6	24.76	8.2	300.3	1.08	0.00	1.15
17	19	7	75	7.0	293.2	25.74	12.14	12.93	7.6	288.3	24.72	8.0	297.0	0.92	0.00	0.84
18	19	7	75	7.0	326.5	25.57	12.47	10.87	8.2	321.8	24.72	8.8	328.4	0.79	0.00	0.48
19	19	7	75	4.6	301.6	24.26	13.34	5.77	5.0	323.4	24.11	5.4	339.2	-0.20	0.00	0.24
20	19	7	75	7.4	290.7	23.45	15.00	3.51	6.3	302.2	23.51	5.9	315.6	-0.64	0.00	0.05
21	19	7	75	7.6	290.6	21.73	15.52	5.19	8.3	308.3	22.37	8.7	339.9	-1.99	0.00	0.03
22	19	7	75	4.7	290.8	19.91	17.64	13.86	5.6	326.6	19.85	9.4	2.8	-1.20	0.00	0.03
23	19	7	75	2.1	277.4	20.96	18.61	7.99	1.9	302.6	20.06	1.0	309.0	-0.05	0.00	0.03

RIO BLANCO OIL SHALE PROJECT 60 METER TOWER

				10 - METER LEVEL					30 - METER LEVEL			60 - METER LEVEL				
HR ++	DY ++	MO ++	YR ++	WS10	WDR10	AT10	RH10	SG10	WS30	WDR30	AT30	WS60	WDR60	DT60	PREC	SI
0	20	7	75	2.5	273.8	21.15	18.26	3.35	2.2	222.2	20.12	1.6	297.9	0.23	0.00	0.08
1	20	7	75	3.8	288.2	21.12	18.24	4.15	3.6	299.3	20.35	3.2	317.7	0.20	0.00	0.16
2	20	7	75	4.3	302.0	20.33	18.12	6.69	4.2	324.3	19.69	5.3	12.3	-0.43	0.00	0.04
3	20	7	75	5.7	305.6	19.08	18.86	8.85	6.0	318.0	18.66	7.5	350.0	-0.60	0.00	0.02
4	20	7	75	5.9	295.0	19.13	19.32	6.48	5.8	308.9	19.03	5.8	336.8	-0.49	0.00	0.02
5	20	7	75	5.7	314.0	18.56	19.53	6.09	6.7	325.4	18.31	7.2	356.2	-0.70	0.00	0.02
6	20	7	75	3.2	328.9	18.09	20.27	8.70	4.1	333.5	17.75	4.8	349.5	-0.11	0.00	0.02
7	20	7	75	1.5	326.0	18.77	17.86	17.28	1.8	332.8	18.13	2.7	353.5	0.42	0.00	0.23
8	20	7	75	3.6	46.7	19.12	16.56	7.18	3.7	25.9	18.89	3.8	20.2	0.05	0.00	0.28
9	20	7	75	4.1	86.7	20.60	17.62	15.40	4.5	81.4	19.96	4.8	91.3	0.67	0.00	0.82
10	20	7	75	5.8	96.3	22.29	15.65	16.38	6.8	88.7	21.24	7.3	95.3	0.93	0.00	1.14
11	20	7	75	7.1	93.5	23.85	14.76	14.13	8.0	84.2	22.54	8.7	93.2	1.10	0.00	1.32
12	20	7	75	4.4	122.7	23.90	14.53	11.62	4.8	122.7	23.14	4.6	125.5	0.62	0.00	0.65
13	20	7	75	3.8	168.4	24.37	13.74	24.94	4.7	155.1	23.64	5.4	177.7	0.77	0.00	0.42
14	20	7	75	19.0	290.4	25.47	15.27	9.71	23.1	283.7	22.16	25.5	290.1	3.08	0.00	0.39
15	20	7	75	12.8	273.6	25.40	12.77	10.62	13.9	265.0	24.07	15.0	271.9	0.93	0.00	1.09
16	20	7	75	6.4	297.4	26.12	11.24	19.14	7.3	292.7	24.91	7.7	294.8	1.32	0.00	1.06
17	20	7	75	18.2	18.2	23.34	14.46	10.66	20.2	11.8	22.51	21.7	18.8	0.68	0.00	0.63
18	20	7	75	12.6	37.3	21.43	16.39	8.12	14.7	30.5	20.64	15.7	40.9	0.67	0.00	0.31
19	20	7	75	7.8	89.1	20.70	15.45	8.99	9.6	79.0	20.19	11.5	83.5	0.38	0.00	0.19
20	20	7	75	2.6	165.7	19.50	19.89	12.70	3.7	147.1	18.83	6.2	143.9	0.08	0.00	0.04
21	20	7	75	1.8	182.8	19.15	22.77	9.80	3.1	147.2	18.44	4.9	153.0	0.03	0.00	0.04
22	20	7	75	1.8	199.6	18.86	25.16	6.04	1.9	182.7	17.70	2.9	171.8	0.07	0.00	0.04
23	20	7	75	3.8	265.4	18.61	25.63	3.63	3.1	266.0	17.85	2.6	243.2	-0.04	0.00	0.02

RIO BLANCO OIL SHALE PROJECT 60 METER TOWER

HR	DY	MO	YR	10 - METER LEVEL WS10	WDR10	AT10	RH10	SG10	30 - METER LEVEL WS30	WDR30	AT30	60 - METER LEVEL WS60	WDR60	DT60	PREC	SI
0	21	7	75	6.8	286.2	16.40	30.06	6.55	7.0	306.6	16.34	8.1	336.6	-1.00	0.00	0.02
1	21	7	75	4.9	282.5	14.85	40.07	5.33	3.8	302.9	14.43	3.2	10.6	-0.41	0.00	0.02
2	21	7	75	5.7	234.0	15.48	39.85	6.18	4.6	221.3	15.19	3.2	207.8	-0.36	0.00	0.02
3	21	7	75	5.2	224.9	15.52	37.01	5.63	5.5	203.3	15.61	5.3	193.2	-0.55	0.00	0.02
4	21	7	75	3.8	244.3	16.12	37.78	5.63	3.8	224.8	15.55	3.7	199.6	-0.06	0.00	0.02
5	21	7	75	2.6	259.0	15.47	37.38	12.98	2.8	201.2	15.37	3.9	177.0	-1.14	0.00	0.02
6	21	7	75	2.0	71.0	16.20	24.37	14.60	2.2	62.5	16.45	2.7	91.6	-0.30	0.00	0.11
7	21	7	75	2.3	152.9	16.70	16.82	14.87	2.4	126.2	16.63	2.8	125.8	0.60	0.00	0.37
8	21	7	75	2.6	192.0	18.54	19.64	19.01	2.9	207.7	17.98	3.2	224.6	0.68	0.00	0.44
9	21	7	75	3.6	71.0	20.68	16.01	12.03	3.1	61.0	20.35	2.1	66.9	0.58	0.00	0.72
10	21	7	75	3.8	24.6	22.01	15.73	25.78	4.0	352.6	21.32	4.3	342.6	0.83	0.00	0.89
11	21	7	75	5.9	315.7	22.94	15.64	23.54	6.5	307.3	21.71	6.6	311.1	1.05	0.00	0.98
12	21	7	75	6.4	349.2	24.32	14.56	23.52	7.5	333.0	22.99	7.9	331.1	1.13	0.00	1.33
13	21	7	75	7.4	321.2	25.36	13.13	21.03	8.4	316.7	23.64	8.7	321.3	1.49	0.00	1.43
14	21	7	75	4.5	289.3	26.02	10.78	23.74	4.2	267.4	25.18	3.9	248.9	1.08	0.00	1.40
15	21	7	75	6.3	122.1	25.03	10.81	20.05	7.1	127.0	24.26	6.9	130.7	0.78	0.00	0.94
16	21	7	75	9.0	309.6	24.79	13.51	13.18	10.3	303.4	23.99	11.5	307.2	0.64	0.00	0.39
17	21	7	75	14.8	274.0	19.00	19.35	9.02	17.2	271.0	13.18	20.1	277.4	0.59	0.00	0.36
18	21	7	75	18.5	312.1	19.75	18.25	8.49	21.8	304.7	19.10	23.9	308.0	0.36	0.00	0.12
19	21	7	75	5.4	256.9	19.12	18.75	10.30	6.6	269.1	18.71	8.6	288.0	-0.17	0.00	0.04
20	21	7	75	5.1	223.7	19.39	18.32	11.50	5.9	222.4	18.95	6.7	202.4	-0.11	0.00	0.02
21	21	7	75	5.4	276.3	17.11	20.67	7.19	4.7	270.1	16.58	5.1	187.2	-0.85	0.00	0.02
22	21	7	75	4.4	237.0	18.43	19.31	7.96	5.9	206.2	18.38	6.8	192.7	-0.77	0.00	0.02
23	21	7	75	5.4	226.8	18.40	19.64	6.47	7.1	208.7	18.33	8.1	198.9	-0.82	0.00	0.02

				10 - METER LEVEL					30 - METER LEVEL			60 - METER LEVEL				
HR	DY	MO	YR	WS10	WDR10	AT10	RH10	SG10	WS30	WDR30	AT30	WS60	WDR60	DT60	PREC	SI
0	22	7	75	8.5	263.4	19.09	18.32	3.45	9.8	256.9	19.60	9.9	256.7	-1.16	0.00	0.02
1	22	7	75	2.7	291.8	16.02	21.66	16.80	3.3	346.5	15.64	4.7	31.6	-0.50	0.00	0.02
2	22	7	75	2.5	279.8	16.41	23.24	7.87	3.1	289.0	15.63	2.9	298.4	0.11	0.00	0.02
3	22	7	75	3.2	235.3	15.65	26.56	7.07	2.2	227.9	14.09	3.0	191.0	-0.47	0.00	0.02
4	22	7	75	4.0	216.2	16.68	24.43	6.74	4.2	197.4	16.28	4.1	188.5	-0.16	0.00	0.02
5	22	7	75	2.0	258.4	16.43	25.09	9.78	1.8	259.9	15.06	1.4	203.6	-0.07	0.00	0.02
6	22	7	75	5.0	322.5	16.11	20.68	8.68	6.1	316.5	15.85	6.8	321.8	0.03	0.00	0.08
7	22	7	75	4.0	143.7	16.81	15.00	8.93	3.9	132.1	16.53	3.6	140.1	0.52	0.00	0.29
8	22	7	75	3.3	158.4	18.60	14.41	17.40	3.5	162.0	18.14	3.6	158.3	0.79	0.00	0.58
9	22	7	75	3.4	175.8	21.19	16.01	23.34	3.8	174.7	20.69	4.7	185.4	0.93	0.00	0.85
10	22	7	75	5.0	225.7	23.18	14.42	21.30	5.7	230.2	22.25	6.0	235.6	0.80	0.00	1.08
11	22	7	75	9.3	285.7	23.97	14.27	13.26	9.9	275.9	22.55	10.0	278.6	1.10	0.00	1.26
12	22	7	75	9.9	283.2	24.51	14.07	12.72	10.9	281.6	22.91	11.4	283.7	1.30	0.00	1.37
13	22	7	75	14.2	309.6	24.66	13.62	11.47	16.2	302.4	22.94	15.5	298.8	0.88	0.00	999.00
14	22	7	75	12.0	218.8	25.57	12.13	19.52	14.0	209.9	23.99	16.2	225.0	1.53	0.00	1.28
15	22	7	75	7.6	254.6	24.68	13.35	11.93	8.3	252.7	23.63	9.0	256.5	0.85	0.00	0.88
16	22	7	75	8.1	315.0	25.78	12.06	17.21	8.7	305.7	24.65	9.0	307.4	0.97	0.00	0.84
17	22	7	75	6.6	308.8	25.99	11.27	14.26	7.3	311.1	24.93	7.4	316.0	1.07	0.00	0.74
18	22	7	75	7.4	328.6	25.45	12.20	13.47	8.3	323.2	24.59	8.4	327.0	0.79	0.00	0.49
19	22	7	75	6.1	308.2	22.73	13.88	7.85	7.9	318.6	22.98	9.0	332.2	-0.94	0.00	0.18
20	22	7	75	7.8	302.9	19.67	16.50	6.08	10.2	323.6	20.80	12.1	348.5	-2.93	0.00	0.04
21	22	7	75	1.8	174.8	20.59	16.78	12.80	1.7	112.7	19.10	1.9	93.1	0.09	0.00	0.02
22	22	7	75	3.3	201.7	19.84	17.06	7.31	3.1	193.7	19.32	2.3	170.0	-0.12	0.00	0.02
23	22	7	75	4.6	273.3	20.06	16.85	5.69	4.3	291.4	19.47	3.9	314.7	-0.06	0.00	0.02

				10 - METER LEVEL					30 - METER LEVEL			60 - METER LEVEL				
HR	DY	MO	YR	WS10	WDR10	AT10	RH10	SG10	WS30	WDR30	AT30	WS60	WDR60	DT60	PREC	SI
0	23	7	75	6.1	299.4	19.34	16.97	6.51	6.1	318.4	19.26	6.6	0.9	-0.85	0.00	0.02
1	23	7	75	3.1	34.7	18.05	18.15	23.63	5.1	34.4	17.87	7.9	45.5	-0.54	0.00	0.02
2	23	7	75	4.1	312.2	16.94	20.22	10.94	4.5	348.0	16.66	6.9	24.4	-0.31	0.00	0.02
3	23	7	75	2.9	283.2	17.55	20.99	7.76	2.3	301.3	16.10	1.7	40.2	0.00	0.00	0.02
4	23	7	75	3.0	311.8	16.52	20.73	16.17	3.7	1.9	16.17	6.0	35.2	-0.55	0.00	0.02
5	23	7	75	2.9	264.2	16.50	21.97	7.24	1.5	279.1	14.83	2.2	102.8	-0.33	0.00	0.02
6	23	7	75	1.8	282.0	16.81	17.73	6.17	1.7	293.7	16.33	0.6	30.2	-0.10	0.00	0.07
7	23	7	75	2.9	33.7	17.98	12.53	19.37	3.2	20.1	18.02	3.4	37.2	0.60	0.00	0.29
8	23	7	75	2.0	358.4	19.40	13.52	25.02	2.2	357.7	19.78	2.4	31.4	0.84	0.00	0.57
9	23	7	75	3.4	25.2	20.37	14.83	17.20	4.1	2.9	19.65	3.9	14.9	0.81	0.00	0.75
10	23	7	75	7.8	346.8	22.29	15.04	27.12	8.1	342.6	21.16	9.1	343.8	1.18	0.00	1.06
11	23	7	75	9.2	318.3	22.94	14.72	14.34	10.1	309.5	21.56	10.6	315.9	1.23	0.00	1.24
12	23	7	75	10.2	338.3	23.31	14.37	21.89	10.7	329.7	21.76	10.7	330.4	1.28	0.00	1.39
13	23	7	75	7.5	1.4	23.75	13.29	23.53	8.7	359.4	22.53	9.1	353.5	1.17	0.00	1.25
14	23	7	75	11.6	341.4	24.61	13.14	28.46	13.1	332.4	23.03	13.1	338.2	1.38	0.00	1.38
15	23	7	75	9.4	328.6	24.92	12.85	21.53	10.2	324.7	23.55	10.7	326.6	1.20	0.00	1.14
16	23	7	75	9.8	316.9	25.29	12.65	15.77	10.4	315.5	24.16	10.7	326.6	1.02	0.00	1.01
17	23	7	75	12.1	15.0	25.13	13.26	19.73	12.8	6.5	24.21	13.0	12.7	0.91	0.00	0.70
18	23	7	75	8.8	14.4	23.21	14.51	20.00	10.5	14.4	23.08	12.0	16.6	-0.04	0.00	999.00
19	23	7	75	6.7	331.9	23.28	13.80	14.47	8.0	339.4	23.17	9.0	353.4	-0.02	0.00	0.20
20	23	7	75	8.8	318.8	20.35	16.14	3.92	11.6	322.0	21.34	13.9	341.6	-1.98	0.00	0.04
21	23	7	75	9.0	329.2	19.53	16.40	5.79	11.8	336.2	20.72	14.1	357.9	-1.91	0.00	0.01
22	23	7	75	4.4	298.7	19.50	17.05	6.01	3.6	321.4	19.26	3.1	7.9	-0.36	0.00	0.00
23	23	7	75	5.6	300.7	18.53	17.54	6.47	6.1	317.4	18.64	5.6	345.9	-0.93	0.00	0.00

RIO BLANCO OIL SHALE PROJECT 60 METER TOWER

				10 - METER LEVEL					30 - METER LEVEL			60 - METER LEVEL				
HR	DY	MO	YR	WS10	WDR10	AT10	RH10	SG10	WS30	WDR30	AT30	WS60	WDR60	DT60	PREC	SI
0	24	7	75	5.1	295.9	18.23	17.85	6.13	5.6	307.6	18.24	4.4	335.7	-0.76	0.00	0.00
1	24	7	75	2.1	264.0	18.03	18.56	8.32	1.5	257.4	16.49	2.9	99.7	-0.30	0.00	0.00
2	24	7	75	1.5	336.0	16.96	20.17	15.30	1.6	23.6	15.33	1.8	69.8	-0.41	0.00	0.00
3	24	7	75	5.6	283.2	17.22	20.24	3.77	5.7	290.2	16.81	5.3	304.1	-0.22	0.00	0.00
4	24	7	75	2.5	332.4	17.27	19.24	19.59	2.4	8.7	16.38	3.5	60.1	-0.13	0.00	0.00
5	24	7	75	2.7	292.3	16.12	21.27	10.51	2.3	292.7	14.91	1.3	278.0	-0.62	0.00	0.00
6	24	7	75	3.6	280.8	15.83	18.31	6.65	2.3	311.0	16.37	1.8	316.9	-0.95	0.00	0.09
7	24	7	75	2.7	334.1	18.34	14.23	23.00	2.9	333.1	17.65	3.3	322.9	0.64	0.00	0.33
8	24	7	75	6.4	73.2	17.43	16.24	9.69	6.9	61.9	16.62	7.7	62.1	0.94	0.00	0.63
9	24	7	75	4.6	79.5	19.81	16.59	15.11	5.4	64.4	19.01	5.6	69.0	0.89	0.00	0.92
10	24	7	75	5.2	11.1	21.67	15.32	24.99	5.8	8.0	20.96	6.1	11.9	0.82	0.00	1.16
11	24	7	75	5.9	345.8	23.10	14.13	25.44	6.2	328.8	22.20	6.3	326.1	1.02	0.00	1.25
12	24	7	75	9.6	348.0	23.49	13.71	28.42	11.0	339.9	22.34	11.0	344.3	1.20	0.00	1.19
13	24	7	75	9.7	301.0	6.75	13.43	13.66	11.0	289.8	22.93	11.3	292.8	999.00	0.00	1.46
14	24	7	75	10.1	314.0	24.76	12.91	22.71	10.9	301.4	23.30	11.5	308.5	1.42	0.00	1.70
15	24	7	75	5.5	302.4	25.08	11.73	25.02	6.4	294.8	24.03	7.2	309.7	1.06	0.00	1.36
16	24	7	75	9.6	300.3	25.09	12.34	13.26	10.6	296.1	23.99	11.1	302.9	1.06	0.00	1.10
17	24	7	75	8.2	330.1	25.60	11.61	23.94	9.2	324.8	24.69	9.3	327.4	1.06	0.00	0.76
18	24	7	75	8.0	340.7	23.38	14.60	18.45	9.5	341.3	23.21	10.1	352.7	0.02	0.00	0.37
19	24	7	75	6.9	318.1	22.75	13.98	6.18	8.4	331.4	22.93	9.3	347.9	-0.56	0.00	0.21
20	24	7	75	11.0	293.9	20.67	16.02	3.42	13.3	303.1	22.15	14.9	319.0	-2.15	0.00	0.04
21	24	7	75	3.0	197.6	20.38	16.78	7.58	2.5	165.2	19.68	2.6	103.9	-0.33	0.00	0.02
22	24	7	75	5.2	310.4	19.69	16.68	5.02	4.0	332.6	19.80	4.5	37.2	-1.08	0.00	0.02
23	24	7	75	6.2	232.2	20.67	16.70	3.05	6.3	211.1	20.49	6.2	191.4	-0.22	0.00	0.02

RIO BLANCO OIL SHALE PROJECT   60 METER TOWER

				10 - METER LEVEL					30 - METER LEVEL			60 - METER LEVEL				
HR	DY	MO	YR	WS10	WDR10	AT10	RH10	SG10	WS30	WDR30	AT30	WS60	WDR60	DT60	PREC	SI
++	++	++	++													
0	25	7	75	3.0	227.0	21.37	16.75	4.28	2.3	202.3	20.39	2.2	192.8	0.13	0.00	0.02
1	25	7	75	3.2	280.6	19.99	17.05	8.12	2.9	305.2	19.87	2.6	349.7	-0.86	0.00	0.02
2	25	7	75	2.8	222.4	18.47	18.25	8.45	1.6	198.6	16.90	1.6	182.5	-0.72	0.00	0.02
3	25	7	75	3.2	315.5	17.02	18.37	11.44	3.9	326.1	17.19	4.2	342.7	-1.11	0.00	0.02
4	25	7	75	3.1	85.1	17.13	18.28	17.40	3.8	55.6	16.75	4.5	53.4	-0.59	0.00	0.02
5	25	7	75	2.7	262.6	16.87	19.22	10.35	1.8	290.3	15.80	1.0	21.0	-0.66	0.00	0.02
6	25	7	75	3.0	300.6	17.55	16.61	3.73	2.6	332.4	17.36	2.7	8.3	-0.39	0.00	0.07
7	25	7	75	2.4	74.1	17.48	13.15	10.28	1.8	27.3	19.30	1.2	299.9	-0.53	0.00	0.29
8	25	7	75	7.9	52.1	19.09	14.07	13.83	3.7	46.4	18.91	3.9	56.5	0.63	0.00	0.53
9	25	7	75	4.9	55.6	20.69	14.68	14.59	4.9	43.8	20.12	4.7	51.3	0.75	0.00	999.00
10	25	7	75	5.2	63.2	21.19	14.63	15.79	5.3	50.6	20.54	5.8	57.5	0.79	0.00	0.81
11	25	7	75	6.3	37.1	22.53	14.44	19.54	6.6	32.3	20.67	7.5	47.9	0.71	0.00	0.69
12	25	7	75	6.1	5.3	23.06	15.12	24.74	7.0	1.4	22.01	7.5	23.2	0.84	0.00	0.72
13	25	7	75	10.6	189.1	23.13	14.29	11.82	12.1	182.7	21.76	11.9	159.2	1.20	0.00	0.98
14	25	7	75	11.0	338.3	24.97	13.35	29.32	12.3	327.8	23.71	13.2	327.7	1.09	0.00	1.08
15	25	7	75	11.6	335.5	25.39	13.17	23.51	13.2	324.2	24.01	13.6	329.1	1.37	0.00	1.31
16	25	7	75	7.8	357.1	25.28	12.74	29.54	8.3	351.7	24.32	8.7	356.7	1.03	0.00	0.97
17	25	7	75	9.4	153.1	24.30	12.02	13.56	11.6	148.9	23.32	12.0	157.6	1.06	0.00	0.84
18	25	7	75	2.8	160.8	22.98	14.53	10.78	3.4	129.5	22.47	4.3	119.8	0.41	0.00	0.30
19	25	7	75	5.9	160.1	21.72	13.54	11.86	7.6	144.7	21.48	8.9	138.8	0.25	0.00	0.21
20	25	7	75	4.1	242.1	20.77	16.92	5.97	3.8	227.6	20.36	4.0	207.6	0.18	0.00	0.04
21	25	7	75	5.2	222.5	20.08	17.10	8.49	5.3	203.6	20.08	5.1	181.6	-0.32	0.00	0.01
22	25	7	75	2.5	170.3	18.43	17.77	14.79	4.7	158.5	18.10	7.7	159.1	-0.21	0.00	0.00
23	25	7	75	1.1	280.5	18.45	18.96	16.50	2.2	192.3	17.62	4.9	175.3	-0.18	0.00	0.00

				10 - METER LEVEL					30 - METER LEVEL			60 - METER LEVEL				
HR	DY	MO	YR	WS10	WDR10	AT10	RH10	SG10	WS30	WDR30	AT30	WS60	WDR60	DT60	PREC	SI
0	26	7	75	1.9	214.7	18.49	18.42	5.94	2.7	206.4	17.83	4.6	192.6	-0.36	0.00	0.00
1	26	7	75	1.9	321.4	17.79	19.11	12.75	1.8	342.7	16.80	1.9	48.2	-0.13	0.00	0.00
2	26	7	75	3.3	299.9	16.38	19.71	8.27	2.1	317.4	14.94	1.4	124.8	-0.57	0.00	0.00
3	26	7	75	4.7	291.1	16.07	19.90	3.73	4.0	308.6	15.58	4.2	332.4	-0.51	0.00	0.00
4	26	7	75	1.5	223.1	16.25	19.98	5.04	1.4	190.7	14.28	2.0	111.7	-0.35	0.00	0.00
5	26	7	75	4.6	304.0	15.40	20.24	6.72	4.6	319.8	15.32	4.0	6.0	-0.62	0.00	0.00
6	26	7	75	1.4	284.3	15.39	17.78	11.46	0.9	322.8	15.51	0.8	303.9	0.23	0.00	0.08
7	26	7	75	2.1	307.7	16.11	15.32	16.65	2.1	283.0	16.29	3.5	243.3	-0.13	0.00	0.29
8	26	7	75	1.3	142.8	19.30	14.60	12.27	1.3	221.7	19.40	1.2	193.3	0.46	0.00	0.36
9	26	7	75	5.0	68.1	21.37	14.71	12.96	5.2	60.1	20.76	5.4	67.6	0.92	0.00	0.84
10	26	7	75	4.3	96.8	22.81	13.78	21.62	4.2	79.5	22.16	4.6	86.6	0.79	0.00	1.10
11	26	7	75	7.0	57.7	23.96	13.73	15.79	7.6	47.4	22.90	7.8	56.6	1.06	0.00	1.28
12	26	7	75	10.8	28.4	24.70	13.07	15.27	11.1	20.2	23.52	11.1	28.6	1.22	0.00	1.39
13	26	7	75	9.6	358.9	24.88	13.46	27.50	10.5	356.4	23.70	11.0	5.2	1.06	0.00	1.21
14	26	7	75	10.1	40.6	26.06	11.56	17.51	11.5	30.2	24.73	11.7	40.2	1.25	0.00	1.35
15	26	7	75	7.7	6.4	25.31	13.46	25.57	8.7	359.2	24.52	9.0	8.2	0.82	0.00	0.67
16	26	7	75	13.9	188.0	23.82	13.59	12.24	17.7	179.3	22.97	17.9	183.7	0.86	0.00	0.54
17	26	7	75	9.6	17.4	24.43	12.74	17.66	11.3	11.9	23.76	11.5	25.2	0.85	0.00	0.49
18	26	7	75	3.5	113.2	24.47	11.71	19.32	3.9	79.3	24.23	4.4	78.9	0.59	0.00	0.38
19	26	7	75	6.9	91.4	23.25	14.62	7.65	9.4	83.8	22.94	11.6	93.9	0.25	0.00	0.18
20	26	7	75	7.4	121.3	21.24	16.31	8.93	9.8	111.6	21.05	12.3	120.3	0.02	0.00	0.03
21	26	7	75	5.0	233.0	19.82	17.89	6.80	5.9	205.4	19.94	6.4	194.4	-0.45	0.00	0.01
22	26	7	75	5.7	122.6	19.11	18.77	4.83	6.9	111.6	18.78	8.4	116.4	-0.10	0.00	0.00
23	26	7	75	5.0	243.1	17.97	19.87	2.97	4.3	223.2	17.63	3.8	204.1	-0.01	0.00	0.00

```
                                            RIO BLANCO OIL SHALE PROJECT   60 METER TOWER

                        10 - METER LEVEL                            30 - METER LEVEL               60 - METER LEVEL
 HR DY MO YR    WS10  WDR10    AT10    RH10     SG10        WS30  WDR30    AT30       WS60  WDR60    DT60     PREC    SI
 ++ ++ ++ ++   +----------------------------------------+  +------------------------+  +--------------------------+ +------------+

  0 27  7 75    6.0  237.5   18.70   18.98     4.86         6.9  212.2   18.98        7.4  205.0   -0.73     0.00   0.00
  1 27  7 75    1.8  120.8   17.20   19.05    10.62         3.4  160.4   17.30        4.1  153.5   -0.56     0.00   0.00
  2 27  7 75    4.3  291.3   16.31   20.54     2.99         3.7  298.4   15.50        1.3  337.7   -0.53     0.00   0.00
  3 27  7 75    2.6  273.6   17.23   21.71     4.53         2.6  288.7   16.42        1.7  283.1    0.12     0.00   0.00
  4 27  7 75    2.4  319.8   16.46   21.40     2.91         0.9  324.8   14.66        0.6    6.1   -0.43     0.00   0.00
  5 27  7 75    4.9  298.5   14.82   23.48     4.81         3.4  327.5   14.31        3.5   24.5   -0.82     0.00   0.00
  6 27  7 75    3.4  304.2   15.88   19.32     4.96         2.9  318.6   15.73        1.7    6.2   -0.27     0.00   0.08
  7 27  7 75    1.6  150.0   17.82   12.79    15.78         1.4   65.7   19.19        1.2   89.2    0.45     0.00   0.29
  8 27  7 75    2.4  137.7   19.98   12.55    20.71         2.4  142.2   20.82        2.6  134.0    0.76     0.00   0.60
  9 27  7 75    5.8   90.5   21.73   15.05    15.17         6.1   77.3   21.03        6.8   93.3    0.95     0.00   0.88
 10 27  7 75    5.3   76.6   22.94   14.43    19.74         5.4   68.2   22.22        7.0   98.1    0.91     0.00   1.11
 11 27  7 75    6.3   69.3   24.02   13.82    13.53         6.8   62.4   22.99        7.7   71.1    1.00     0.00   1.29
 12 27  7 75    7.7  145.7   25.39   12.40    15.59         8.6  147.6   24.09        9.0  156.9    1.14     0.00   1.48
 13 27  7 75    8.3  115.4   26.00   11.18    14.28         9.3  109.1   24.72       10.4  121.0    1.15     0.00   1.37
 14 27  7 75    9.5  139.6   26.34   11.45    13.29        10.1  130.0   25.13       11.1  140.9    1.06     0.00   1.33
 15 27  7 75    7.2  169.6   26.95   10.14    20.46         8.6  162.7   25.65        9.2  163.0    1.09     0.00   1.26
 16 27  7 75    6.4  168.0   25.95   10.46    14.81         8.1  162.1   25.41        8.1  171.1    0.74     0.00   0.60
 17 27  7 75    6.1  235.7   23.45   14.37    13.93         7.5  219.7   23.06       12.4  224.4    0.18     0.00   0.26
 18 27  7 75    4.2  240.7   22.89   15.20    16.82         5.9  219.4   22.56       12.6  220.4   -0.05     0.00   0.16
 19 27  7 75    7.5  253.7   22.30   15.55     8.27         8.6  231.5   22.27       12.4  217.2   -0.90     0.00   0.09
 20 27  7 75    6.7  250.7   21.50   16.16    11.96         8.7  226.7   21.74       13.0  213.2   -1.34     0.00   0.02
 21 27  7 75    6.0  206.0   20.56   16.53    17.63         8.2  187.9   20.51       11.8  193.4   -0.60     0.00   0.00
 22 27  7 75    6.0  155.5   18.74   18.23    10.20         7.6  155.2   18.87        8.7  176.5   -0.67     0.00   0.00
 23 27  7 75    2.3  251.4   18.16   19.71    21.11         3.9  189.1   17.86        7.6  181.2   -0.69     0.00   0.00
```

RIO BLANCO OIL SHALE PROJECT 60 METER TOWER

				10 - METER LEVEL					30 - METER LEVEL			60 - METER LEVEL				
HR	DY	MO	YR	WS10	WDR10	AT10	RH10	SG10	WS30	WDR30	AT30	WS60	WDR60	DT60	PREC	SI
0	28	7	75	3.6	217.8	19.57	18.47	13.10	4.9	207.5	19.20	6.3	210.1	0.10	0.00	0.00
1	28	7	75	5.6	117.8	18.75	18.57	10.84	6.3	125.8	18.83	6.1	145.7	-0.48	0.00	0.00
2	28	7	75	6.9	290.8	17.17	19.65	5.70	5.3	310.5	17.43	5.7	357.1	-1.51	0.00	0.00
3	28	7	75	8.5	217.8	18.13	19.21	12.94	10.5	234.8	18.50	13.3	205.6	-1.45	0.00	0.00
4	28	7	75	6.0	213.3	18.17	19.16	10.40	7.1	196.2	18.06	10.0	190.9	-0.52	0.00	0.00
5	28	7	75	6.3	227.8	18.99	19.21	2.80	5.8	208.8	18.99	5.6	203.5	-0.34	0.00	0.00
6	28	7	75	5.1	232.7	19.18	18.74	3.83	5.6	219.2	19.06	5.9	213.5	-0.23	0.00	0.03
7	28	7	75	1.7	132.8	15.92	17.74	11.20	1.2	40.3	15.89	1.0	55.6	-0.81	0.00	0.12
8	28	7	75	3.4	64.9	20.12	13.71	13.68	3.0	57.9	20.24	2.3	88.7	0.48	0.00	0.55
9	28	7	75	5.4	114.8	23.31	14.65	27.52	5.6	137.6	22.81	5.9	173.1	0.92	0.00	0.85
10	28	7	75	7.0	254.6	23.80	13.86	16.12	8.1	254.9	22.99	8.5	264.9	0.98	0.00	1.04
11	28	7	75	8.9	248.4	24.19	13.80	15.03	10.2	245.4	23.48	12.0	253.7	0.97	0.00	0.91
12	28	7	75	999.0	999.0	999.00	999.00	999.00	999.0	999.0	999.00	999.0	999.0	999.00	0.00	999.00
13	28	7	75	999.0	999.0	999.00	999.00	999.00	999.0	999.0	999.00	999.0	999.0	999.00	0.00	999.00
14	28	7	75	999.0	999.0	999.00	999.00	999.00	999.0	999.0	999.00	999.0	999.0	999.00	0.00	999.00
15	28	7	75	999.0	999.0	999.00	999.00	999.00	999.0	999.0	999.00	999.0	999.0	999.00	0.00	999.00
16	28	7	75	999.0	999.0	999.00	999.00	999.00	999.0	999.0	999.00	999.0	999.0	999.00	0.00	999.00
17	28	7	75	999.0	999.0	999.00	999.00	999.00	999.0	999.0	999.00	999.0	999.0	999.00	0.00	999.00
18	28	7	75	999.0	999.0	999.00	999.00	999.00	999.0	999.0	999.00	999.0	999.0	999.00	0.00	999.00
19	28	7	75	999.0	999.0	999.00	999.00	999.00	999.0	999.0	999.00	999.0	999.0	999.00	0.00	999.00
20	28	7	75	999.0	999.0	999.00	999.00	999.00	999.0	999.0	999.00	999.0	999.0	999.00	0.00	999.00
21	28	7	75	999.0	999.0	999.00	999.00	999.00	999.0	999.0	999.00	999.0	999.0	999.00	0.00	999.00
22	28	7	75	6.3	270.2	19.28	19.57	16.02	7.3	238.8	19.55	12.6	222.4	-0.58	0.00	999.00
23	28	7	75	4.5	250.6	19.81	19.03	18.71	5.9	241.1	19.59	10.7	230.6	-0.19	0.00	0.02

RIO BLANCO OIL SHALE PROJECT 60 METER TOWER

				10 - METER LEVEL					30 - METER LEVEL			60 - METER LEVEL				
HR	DY	MO	YR	WS10	WDR10	AT10	RH10	SG10	WS30	WDR30	AT30	WS60	WDR60	DT60	PREC	SI
0	29	7	75	11.2	263.9	19.83	18.37	10.40	10.9	243.3	19.56	15.3	237.7	0.07	0.00	0.01
1	29	7	75	11.6	254.3	18.38	19.61	6.79	15.8	249.4	18.56	19.4	255.2	-0.90	0.00	0.00
2	29	7	75	4.4	137.9	17.35	21.32	12.63	5.2	149.4	17.13	6.4	179.4	-0.08	0.00	0.00
3	29	7	75	4.4	228.7	17.56	23.11	25.06	6.4	206.4	17.28	10.0	222.0	-0.15	0.00	0.00
4	29	7	75	8.5	260.2	18.10	22.47	12.14	8.1	237.3	17.74	12.6	231.8	0.21	0.00	0.00
5	29	7	75	5.6	225.0	18.04	23.10	20.60	8.5	224.0	17.77	15.0	227.8	0.03	0.00	0.00
6	29	7	75	5.2	221.9	17.84	23.19	22.30	6.3	228.6	17.46	11.5	226.7	0.27	0.00	0.05
7	29	7	75	11.5	199.6	16.87	23.67	13.34	14.3	202.3	17.41	18.5	222.7	0.29	0.00	999.00
8	29	7	75	9.0	196.5	13.00	25.12	13.51	11.7	200.6	17.39	14.7	216.6	0.63	0.01	0.27
9	29	7	75	10.0	192.8	19.00	22.65	12.60	12.9	188.0	18.25	13.3	201.7	0.79	0.00	0.42
10	29	7	75	3.9	264.2	18.38	23.84	16.92	4.4	244.8	17.87	4.4	236.4	0.59	0.00	0.31
11	29	7	75	8.8	218.4	21.72	17.93	18.49	10.5	206.4	20.48	12.4	219.6	1.49	0.00	1.11
12	29	7	75	12.7	187.1	21.91	15.91	13.87	14.5	187.1	20.57	14.9	202.1	1.22	0.00	1.54
13	29	7	75	10.8	193.8	22.85	15.22	15.08	13.8	187.9	21.46	14.2	201.1	1.38	0.00	1.58
14	29	7	75	15.8	177.3	22.78	16.39	10.60	19.7	173.6	21.22	20.3	182.7	1.23	0.00	1.50
15	29	7	75	10.2	208.6	23.12	15.56	17.19	12.7	199.8	21.62	14.5	210.1	1.41	0.00	1.32
16	29	7	75	10.6	202.1	23.18	14.32	13.92	13.0	193.2	22.01	14.3	207.6	1.19	0.00	1.47
17	29	7	75	10.8	198.8	21.92	15.04	11.41	14.4	192.5	21.17	16.0	201.7	0.74	0.00	1.27
18	29	7	75	14.2	195.9	20.88	18.76	11.78	18.8	191.2	20.37	20.9	203.1	0.47	0.00	0.53
19	29	7	75	6.2	235.9	19.44	23.00	12.56	7.5	229.5	18.96	9.7	230.2	0.46	0.00	0.13
20	29	7	75	10.9	231.1	13.29	78.40	15.37	13.0	225.5	12.17	18.4	234.8	0.23	0.00	0.03
21	29	7	75	13.0	206.7	13.15	80.94	13.76	13.2	217.8	12.84	20.5	226.3	0.08	0.00	0.01
22	29	7	75	8.3	211.6	13.60	77.60	12.35	10.2	209.2	13.36	14.5	216.5	0.06	0.00	0.01
23	29	7	75	3.2	76.0	13.16	75.36	11.35	3.6	82.4	13.03	6.1	200.3	-0.60	0.00	0.01

RIO BLANCO OIL SHALE PROJECT 60 METER TOWER

				10 - METER LEVEL					30 - METER LEVEL			60 - METER LEVEL				
HR	DY	MO	YR	WS10	WDR10	AT10	RH10	SG10	WS30	WDR30	AT30	WS60	WDR60	DT60	PREC	SI
0	30	7	75	7.1	199.4	12.71	76.04	13.11	9.2	203.1	12.51	12.0	210.3	-0.09	0.00	0.01
1	30	7	75	1.9	50.4	12.81	75.17	23.83	2.1	355.8	12.28	3.9	158.8	0.06	0.00	0.01
2	30	7	75	3.9	197.8	12.46	76.46	13.77	6.1	186.5	12.38	7.8	163.6	-0.26	0.00	0.01
3	30	7	75	2.9	220.4	12.38	77.99	13.95	3.8	193.1	11.92	5.7	192.8	-0.03	0.00	0.01
4	30	7	75	1.6	142.8	12.66	77.68	14.79	2.3	151.8	12.11	3.1	136.5	0.12	0.00	0.01
5	30	7	75	3.7	231.9	12.35	77.46	13.73	5.2	222.7	12.08	9.5	232.7	-0.03	0.00	0.01
6	30	7	75	1.9	99.0	12.18	76.01	18.12	2.3	91.5	12.23	2.9	152.1	-0.34	0.00	0.07
7	30	7	75	6.2	234.5	13.01	73.87	12.97	8.0	221.8	12.66	10.4	223.4	0.36	0.00	0.14
8	30	7	75	5.5	231.7	11.38	82.14	13.37	7.9	224.3	10.91	13.0	231.1	-0.05	0.00	0.13
9	30	7	75	6.9	201.0	12.51	81.03	9.53	8.3	193.7	12.04	9.2	201.1	0.35	0.00	999.00
10	30	7	75	999.0	999.0	999.00	999.00	999.00	999.0	999.0	999.00	999.0	999.0	999.00	0.00	999.00
11	30	7	75	7.7	239.6	17.51	38.09	18.44	8.5	235.3	16.62	9.1	243.5	0.94	0.00	999.00
12	30	7	75	7.6	190.6	18.53	31.52	14.92	9.4	190.4	17.52	10.5	206.0	1.05	0.00	999.00
13	30	7	75	11.2	281.9	18.08	30.84	12.41	12.4	277.6	17.17	13.0	276.8	0.87	0.00	999.00
14	30	7	75	10.0	262.8	20.16	20.21	12.44	10.4	252.9	19.04	11.2	248.4	1.02	0.00	999.00
15	30	7	75	9.2	202.1	20.46	17.67	13.99	11.4	198.5	19.58	12.8	210.2	0.95	0.00	999.00
16	30	7	75	10.0	202.4	20.72	17.30	13.29	12.7	193.2	19.91	13.8	206.3	0.81	0.00	999.00
17	30	7	75	11.3	210.5	21.53	15.23	13.73	14.7	202.0	20.58	17.9	212.1	0.94	0.00	999.00
18	30	7	75	9.8	201.9	20.49	16.35	12.42	13.2	196.3	19.96	15.1	208.9	0.46	0.00	999.00
19	30	7	75	6.5	214.6	18.89	21.27	19.63	9.0	216.3	18.63	14.2	221.0	0.00	0.00	999.00
20	30	7	75	2.9	252.8	17.31	32.70	21.44	4.7	222.3	16.94	9.1	214.8	-0.21	0.00	999.00
21	30	7	75	3.3	243.9	16.17	38.54	17.60	5.5	211.5	15.97	9.6	212.5	-0.36	0.00	999.00
22	30	7	75	4.3	245.7	16.13	37.19	20.89	6.1	216.2	15.95	12.2	213.3	-0.39	0.00	999.00
23	30	7	75	8.5	261.5	16.13	34.28	9.33	8.8	233.5	15.97	13.3	228.8	-0.48	0.00	999.00

RIO BLANCO OIL SHALE PROJECT 60 METER TOWER

				10 - METER LEVEL					30 - METER LEVEL			60 - METER LEVEL				
HR	DY	MO	YR	WS10	WDR10	AT10	RH10	SG10	WS30	WDR30	AT30	WS60	WDR60	DT60	PREC	SI
0	31	7	75	4.8	247.9	15.70	36.20	18.25	6.7	226.4	15.48	12.1	220.0	-0.29	999.00	0.00
1	31	7	75	6.2	242.8	16.09	35.73	18.25	8.5	224.4	15.87	14.3	220.5	-0.15	0.00	0.00
2	31	7	75	7.8	223.5	16.56	34.30	19.49	11.4	216.2	16.34	17.2	219.5	-0.04	0.00	0.00
3	31	7	75	7.9	221.1	15.89	35.67	15.07	9.9	223.2	15.61	16.8	225.7	0.06	0.00	0.00
4	31	7	75	9.1	264.7	14.85	38.15	5.40	10.1	252.3	14.73	11.6	241.3	-0.11	0.00	0.00
5	31	7	75	8.6	259.9	15.11	37.71	3.19	10.4	260.4	15.26	11.4	264.4	-0.53	0.00	0.00
6	31	7	75	7.5	265.6	14.66	40.68	3.45	8.6	268.3	15.11	8.7	269.6	-0.77	0.00	0.05
7	31	7	75	2.0	101.8	13.62	28.72	15.23	2.0	74.8	13.80	2.5	103.6	0.58	0.00	0.25
8	31	7	75	3.5	111.5	14.17	29.31	10.01	3.7	95.3	13.85	3.8	108.2	0.59	0.00	0.44
9	31	7	75	5.1	119.6	16.56	30.05	13.61	5.9	110.8	15.97	5.8	116.5	0.75	0.00	0.90
10	31	7	75	4.7	184.5	18.90	21.70	16.15	5.3	181.0	18.22	5.9	197.2	0.76	0.00	1.13
11	31	7	75	7.5	185.3	20.47	15.99	16.85	9.1	183.6	19.48	9.6	188.7	0.93	0.00	1.26
12	31	7	75	11.0	197.5	21.56	14.89	17.07	13.5	190.9	20.30	15.0	200.0	1.18	0.00	1.16
13	31	7	75	10.2	310.2	18.34	25.92	10.15	11.7	307.1	17.03	12.4	310.0	1.09	0.00	1.16
14	31	7	75	13.6	295.6	19.51	20.60	8.62	14.7	288.6	18.18	14.9	292.2	1.14	0.00	1.49
15	31	7	75	11.4	310.0	20.30	17.45	9.75	12.2	301.2	19.11	12.3	306.8	1.15	0.00	1.38
16	31	7	75	9.1	283.0	21.30	15.38	11.13	10.8	278.2	20.26	10.8	281.1	1.05	0.00	1.17
17	31	7	75	9.7	277.4	20.05	17.33	6.63	11.4	269.8	20.09	12.2	274.1	-0.01	0.00	0.60
18	31	7	75	6.3	231.8	19.18	19.56	10.98	7.1	232.3	18.88	8.8	248.0	0.16	0.00	999.00
19	31	7	75	8.6	287.9	17.74	30.69	7.01	11.5	290.4	17.93	13.2	304.2	-0.71	0.00	999.00
20	31	7	75	18.6	309.2	7.15	48.11	8.49	23.7	304.2	13.67	27.9	314.3	999.00	0.00	999.00
21	31	7	75	23.9	296.8	12.28	57.99	7.64	29.1	292.8	12.15	33.2	294.6	-0.54	0.00	999.00
22	31	7	75	14.9	256.6	14.16	37.77	8.22	18.9	256.7	14.56	23.2	265.3	-1.27	0.00	999.00
23	31	7	75	12.4	266.0	15.93	27.29	4.92	15.6	266.6	16.56	17.3	275.6	-1.30	0.00	999.00

RIO BLANCO OIL SHALE PROJECT 60 METER TOWER

				10 - METER LEVEL					30 - METER LEVEL			60 - METER LEVEL				
HR	DY	MO	YR	WS10	WDR10	AT10	RH10	SG10	WS30	WDR30	AT30	WS60	WDR60	DT60	PREC	SI
0	1	8	75	4.8	338.9	14.04	31.62	26.14	6.4	348.9	14.01	8.2	5.6	-0.37	0.00	99.00
1	1	8	75	8.4	313.5	12.79	38.53	5.64	9.5	326.5	13.51	10.1	341.7	-1.36	0.00	999.00
2	1	8	75	8.8	334.9	13.03	31.95	14.33	10.7	338.3	12.94	11.2	352.2	-0.07	0.00	999.00
3	1	8	75	5.4	353.8	11.83	37.75	25.22	8.3	5.4	12.30	9.9	17.6	-0.83	0.00	999.00
4	1	8	75	2.7	311.2	10.96	39.56	23.53	3.8	351.2	10.70	5.8	23.3	-0.18	0.00	999.00
5	1	8	75	4.5	292.2	10.82	34.92	4.41	3.0	323.4	10.22	3.4	21.1	-0.48	0.00	999.00
6	1	8	75	4.5	292.2	10.82	34.92	4.41	3.0	323.4	10.22	3.4	21.1	-0.43	0.00	999.00
7	1	8	75	5.1	27.5	12.13	19.98	9.97	5.6	20.7	11.68	5.8	28.1	0.60	0.00	999.00
8	1	8	75	6.7	70.7	13.46	18.85	10.07	7.6	62.8	12.78	8.4	69.5	0.85	0.00	999.00
9	1	8	75	6.4	90.4	14.24	19.40	13.03	7.1	81.0	13.37	7.8	87.3	0.36	0.00	999.00
10	1	8	75	6.5	57.8	15.24	18.22	15.76	7.4	45.9	14.37	7.6	58.5	0.91	0.00	999.00
11	1	8	75	5.0	50.2	16.47	17.02	17.76	4.9	51.2	15.75	5.1	74.2	0.87	0.00	999.00
12	1	8	75	4.8	359.5	17.83	15.38	22.05	5.4	4.4	16.92	5.7	19.7	0.93	0.00	999.00
13	1	8	75	4.0	92.3	19.62	13.87	26.59	4.8	102.1	18.70	4.5	104.8	1.07	0.00	999.00
14	1	8	75	10.4	272.2	20.00	14.17	11.65	11.4	262.8	18.73	12.5	265.2	1.13	0.00	999.00
15	1	8	75	10.2	280.9	20.47	13.85	13.84	10.7	275.4	19.27	11.2	283.9	1.08	0.00	999.00
16	1	8	75	11.2	301.1	20.22	14.31	13.94	11.9	296.4	19.10	11.9	303.0	1.04	0.00	999.00
17	1	8	75	10.9	304.6	20.21	14.13	9.32	11.9	299.7	19.31	11.9	303.1	0.89	0.00	999.00
18	1	8	75	8.0	314.1	19.91	14.20	9.26	9.2	308.4	19.24	9.6	310.5	0.78	0.00	999.00
19	1	8	75	6.4	285.8	18.15	14.67	4.51	8.0	290.2	19.37	8.7	297.9	-0.43	0.00	999.00
20	1	8	75	8.8	283.4	16.57	17.13	3.82	9.6	299.4	17.34	9.8	321.5	-1.46	0.00	999.00
21	1	8	75	5.3	287.6	17.07	17.09	6.21	5.1	308.1	16.95	5.4	338.4	-0.84	0.00	999.00
22	1	8	75	4.4	281.7	17.48	17.17	4.69	3.9	303.3	17.15	3.3	327.1	-0.39	0.00	0.00
23	1	8	75	4.6	276.6	17.76	16.98	2.99	4.1	280.7	17.40	3.3	279.0	-0.07	0.00	0.00

RIO BLANCO OIL SHALE PROJECT   60 METER TOWER

				10 - METER LEVEL					30 - METER LEVEL			60 - METER LEVEL				
HR	DY	MO	YR	WS10	WDR10	AT10	RH10	SG10	WS30	WDR30	AT30	WS60	WDR60	DT60	PREC	SI
0	2	8	75	4.3	296.7	15.20	18.07	4.89	2.8	325.1	15.19	3.5	30.5	-0.88	0.00	0.00
1	2	8	75	7.4	293.9	13.77	18.33	7.35	8.8	316.8	14.88	9.3	343.6	-2.16	0.00	0.00
2	2	8	75	5.6	289.2	12.78	19.38	10.82	5.9	324.4	12.36	9.8	6.5	-1.30	0.00	0.00
3	2	8	75	4.8	294.9	13.37	19.34	7.45	4.6	308.7	13.10	5.2	1.9	-0.41	0.00	0.00
4	2	8	75	3.1	297.4	14.01	19.12	12.94	2.8	314.1	13.16	2.8	2.4	0.14	0.00	0.00
5	2	8	75	3.9	295.8	13.65	19.40	6.31	3.5	315.1	13.10	3.7	354.9	-0.02	0.00	0.00
6	2	8	75	5.7	293.9	13.30	18.07	3.96	4.9	313.6	13.32	4.5	339.4	-0.23	0.00	0.08
7	2	8	75	2.9	341.6	14.88	15.83	26.60	3.5	345.6	14.47	3.6	358.4	0.65	0.00	0.34
8	2	8	75	3.6	57.5	15.70	14.52	20.16	4.1	41.8	15.40	3.5	56.0	0.75	0.00	0.68
9	2	8	75	5.0	77.9	16.70	15.97	18.80	5.6	72.1	16.02	6.1	89.8	0.84	0.00	1.00
10	2	8	75	3.6	57.5	18.35	15.32	23.04	3.9	59.6	17.95	4.5	77.7	1.07	0.00	1.27
11	2	8	75	10.5	265.6	19.80	15.40	11.31	11.5	256.8	18.52	11.5	258.0	1.14	0.00	1.47
12	2	8	75	8.2	293.4	20.76	14.31	15.71	9.0	286.8	19.32	9.3	236.4	1.35	0.00	1.60
13	2	8	75	9.7	276.7	21.33	13.80	16.28	10.9	273.1	19.91	11.4	230.7	1.27	0.00	1.62
14	2	8	75	11.1	306.8	21.80	13.88	14.92	11.9	297.7	20.39	13.1	299.8	1.26	0.00	1.56
15	2	8	75	10.7	305.4	22.28	13.37	14.53	12.4	295.6	21.02	13.8	299.0	1.16	0.00	1.39
16	2	8	75	12.3	290.8	22.18	13.52	10.82	14.0	284.8	21.01	15.4	289.9	1.05	0.00	1.18
17	2	8	75	12.9	292.8	22.28	13.58	9.00	14.7	285.6	21.31	16.2	294.4	1.01	0.00	0.88
18	2	8	75	8.3	280.8	21.83	13.75	9.78	9.9	273.6	21.37	11.1	275.0	0.73	0.00	0.55
19	2	8	75	8.1	271.5	19.58	15.04	4.83	10.5	276.9	20.21	12.3	288.7	-0.46	0.00	0.22
20	2	8	75	10.9	271.9	18.32	16.28	3.77	12.6	282.7	19.66	13.6	293.6	-1.12	0.00	0.03
21	2	8	75	11.0	280.2	18.03	16.57	4.12	13.3	291.3	19.41	14.0	303.2	-1.79	0.00	0.01
22	2	8	75	12.1	286.4	17.51	16.84	4.27	14.8	294.5	18.91	15.1	309.5	-2.10	0.00	0.00
23	2	8	75	12.0	272.1	17.67	16.86	4.99	15.9	275.1	18.69	16.9	267.6	-1.66	0.00	0.00

RIO BLANCO OIL SHALE PROJECT 60 METER TOWER

				10 - METER LEVEL					30 - METER LEVEL			60 - METER LEVEL				
HR	DY	MO	YR	WS10	WDR10	AT10	RH10	SG10	WS30	WDR30	AT30	WS60	WDR60	DT60	PREC	SI
0	3	8	75	3.5	171.3	15.79	17.65	21.34	4.4	72.9	15.14	6.2	62.5	-0.13	0.00	0.00
1	3	8	75	2.1	238.2	17.41	17.99	7.28	1.4	240.7	14.81	1.6	300.6	-0.33	0.00	0.00
2	3	8	75	1.9	244.7	17.61	17.80	7.67	1.5	273.5	15.22	0.8	264.8	0.18	0.00	0.00
3	3	8	75	4.7	301.0	16.49	17.74	5.30	4.4	315.6	16.24	3.4	354.9	-0.38	0.00	0.00
4	3	8	75	4.0	310.5	15.15	18.03	4.33	3.7	321.3	14.98	2.6	21.2	-0.30	0.00	0.00
5	3	8	75	2.1	259.4	14.50	19.47	10.59	1.8	296.0	12.77	2.6	76.3	-0.75	0.00	0.00
6	3	8	75	3.2	207.8	11.33	30.63	10.46	4.1	202.3	11.19	4.6	189.9	-0.44	0.00	99.00
7	3	8	75	1.9	79.3	16.31	13.00	16.78	1.8	56.4	17.20	1.8	96.1	0.60	0.00	0.35
8	3	8	75	2.9	114.0	17.39	13.27	17.41	2.7	102.0	17.50	3.0	122.3	0.72	0.00	0.69
9	3	8	75	4.9	136.8	19.00	14.82	20.37	5.6	128.5	18.44	5.5	141.9	0.74	0.00	1.01
10	3	8	75	5.4	81.3	20.52	14.34	24.99	6.4	76.7	19.80	6.9	95.7	0.91	0.00	1.28
11	3	8	75	8.7	325.9	21.65	14.48	18.42	10.2	322.5	20.25	10.2	329.8	1.32	0.00	1.48
12	3	8	75	7.5	276.9	22.00	13.77	14.82	8.2	272.3	20.61	8.7	279.7	1.22	0.00	1.62
13	3	8	75	6.1	7.6	22.57	12.82	29.27	6.0	354.1	21.50	6.6	350.4	1.05	0.00	1.62
14	3	8	75	10.2	280.2	23.16	12.57	13.50	11.5	271.3	21.80	11.8	278.1	1.20	0.00	1.57
15	3	8	75	9.7	338.4	23.08	12.47	17.88	10.8	324.5	21.87	10.8	323.4	1.05	0.00	1.39
16	3	8	75	8.0	311.3	23.63	11.99	14.82	9.2	297.3	22.56	9.7	304.0	1.05	0.00	1.17
17	3	8	75	7.3	316.2	23.54	12.03	12.35	7.4	307.0	22.65	7.4	306.9	0.96	0.00	0.88
18	3	8	75	5.9	353.2	23.13	12.71	26.70	6.6	341.4	22.43	7.2	344.4	0.80	0.00	0.55
19	3	8	75	6.2	295.3	20.95	13.80	4.45	6.5	311.2	21.29	6.9	325.0	-0.72	0.00	0.22
20	3	8	75	7.4	293.5	20.61	15.74	3.02	6.5	312.8	21.15	6.5	319.5	-0.34	0.00	0.03
21	3	8	75	6.7	293.4	20.52	15.80	3.65	6.1	314.8	20.76	5.3	330.7	-0.72	0.00	0.01
22	3	8	75	5.0	291.6	20.42	15.91	3.12	3.9	313.3	20.52	3.7	321.4	-0.61	0.00	0.00
23	3	8	75	2.9	284.8	20.59	16.48	3.34	2.1	296.1	19.65	0.6	330.3	-0.28	0.00	0.00

RIO BLANCO OIL SHALE PROJECT 60 METER TOWER

				10 - METER LEVEL					30 - METER LEVEL			60 - METER LEVEL				
HR	DY	MO	YR	WS10	WDR10	AT10	RH10	SG10	WS30	WDR30	AT30	WS60	WDR60	DT60	PREC	SI
0	4	8	75	0.8	249.5	20.06	17.00	5.73	1.0	278.7	17.08	1.6	195.4	-0.20	0.00	0.00
1	4	8	75	2.1	225.6	19.51	17.48	13.79	1.7	248.7	18.80	1.4	291.9	-0.76	0.00	0.00
2	4	8	75	1.7	278.4	20.24	17.31	5.50	1.8	290.4	16.84	1.2	264.4	-0.38	0.00	0.00
3	4	8	75	2.6	187.8	18.89	16.97	5.44	3.7	162.9	18.76	5.1	129.1	-0.88	0.00	0.01
4	4	8	75	1.0	229.8	17.23	18.42	18.56	2.0	237.2	16.13	3.2	195.5	-1.27	0.00	0.01
5	4	8	75	3.2	230.7	17.23	18.51	8.53	3.3	222.3	16.87	3.3	211.1	-0.79	0.00	0.00
6	4	8	75	4.5	229.9	18.35	15.80	6.59	5.5	211.9	18.48	5.2	191.5	-0.58	0.00	0.08
7	4	8	75	2.5	73.6	18.83	13.23	9.50	1.8	98.5	19.60	1.8	219.3	-0.11	0.00	0.34
8	4	8	75	2.2	77.9	20.76	12.69	21.23	2.0	36.8	21.20	2.5	76.2	0.58	0.00	0.67
9	4	8	75	4.0	168.3	22.60	13.72	18.21	4.7	166.6	21.89	5.2	171.1	0.35	0.00	1.00
10	4	8	75	8.6	273.9	23.79	13.48	11.89	9.4	260.4	22.59	10.0	256.4	1.15	0.00	1.27
11	4	8	75	7.7	262.8	24.36	13.29	16.08	8.7	262.6	23.06	9.3	262.6	1.14	0.00	1.47
12	4	8	75	8.8	287.1	24.83	12.77	16.37	9.4	278.5	23.42	9.9	281.4	1.18	0.00	1.58
13	4	8	75	11.4	266.6	25.68	12.09	14.08	11.6	258.5	24.39	12.2	265.3	1.27	0.00	1.60
14	4	8	75	11.5	310.3	25.90	12.34	16.90	12.2	304.0	24.65	12.9	307.3	1.11	0.00	1.54
15	4	8	75	8.3	249.4	26.26	11.78	14.68	8.8	245.3	25.22	9.0	261.3	0.92	0.00	1.37
16	4	8	75	9.4	328.9	26.28	12.10	24.44	10.3	318.9	25.11	10.8	324.2	1.11	0.00	1.15
17	4	8	75	10.0	320.0	26.22	11.65	12.67	11.2	312.1	25.41	11.4	319.5	0.88	0.00	0.86
18	4	8	75	4.5	263.4	25.82	11.56	12.25	4.8	273.2	25.52	5.4	291.9	0.70	999.00	0.58
19	4	8	75	7.4	290.9	22.52	13.59	4.10	8.5	312.1	23.64	9.4	321.8	-1.59	0.00	0.21
20	4	8	75	8.1	288.8	22.58	14.96	3.88	7.8	304.3	22.94	7.7	329.4	-1.25	0.00	0.03
21	4	8	75	5.4	273.3	23.05	16.10	4.99	4.9	288.0	22.77	3.8	320.6	-0.33	0.00	0.01
22	4	8	75	1.5	239.9	23.55	15.57	4.96	1.7	258.3	21.71	1.0	191.4	-0.02	0.00	0.00
23	4	8	75	4.0	226.7	22.65	15.43	6.75	3.8	203.5	22.44	4.4	191.2	-0.33	0.00	0.00

RIO BLANCO OIL SHALE PROJECT 60 METER TOWER

				10 - METER LEVEL					30 - METER LEVEL			60 - METER LEVEL				
HR	DY	MO	YR	WS10	WDR10	AT10	RH10	SG10	WS30	WDR30	AT30	WS60	WDR60	DT60	PREC	SI
0	5	8	75	7.3	244.3	21.78	15.36	5.93	8.5	224.4	22.04	10.6	212.8	-1.06	0.00	0.00
1	5	8	75	9.4	243.7	22.21	15.04	2.99	9.9	229.8	22.50	9.6	216.1	-1.05	0.00	0.00
2	5	8	75	11.0	256.4	22.09	14.96	0.77	11.7	246.0	22.73	12.1	246.2	-1.48	0.00	0.00
3	5	8	75	10.9	256.0	21.39	15.14	3.22	13.8	252.8	22.42	14.4	260.1	-1.35	0.00	0.00
4	5	8	75	1.7	101.1	17.76	17.06	12.49	3.0	56.4	17.63	2.9	61.4	-1.72	0.00	0.00
5	5	8	75	2.1	151.8	18.29	17.33	14.66	2.6	146.0	17.48	4.5	216.4	-0.81	0.00	0.00
6	5	8	75	2.2	222.8	19.50	15.30	8.76	2.3	179.0	18.88	3.7	152.9	-0.47	0.00	0.07
7	5	8	75	2.2	49.1	20.71	11.64	10.59	1.9	26.5	21.80	2.1	26.5	0.18	0.00	0.30
8	5	8	75	4.5	60.3	21.96	12.77	9.37	4.0	61.7	21.65	3.8	104.9	0.32	0.01	0.61
9	5	8	75	3.6	59.0	24.99	13.20	26.15	3.4	55.2	24.41	3.7	133.0	0.93	0.00	0.91
10	5	8	75	9.0	266.1	25.93	13.05	12.28	9.6	258.7	24.96	10.3	253.9	0.80	0.00	1.16
11	5	8	75	9.3	238.1	27.26	12.31	15.35	10.1	223.8	25.99	11.1	236.0	1.29	0.00	1.34
12	5	8	75	11.2	297.1	26.44	12.70	10.60	12.7	290.2	25.48	12.7	294.1	0.96	0.00	0.92
13	5	8	75	7.9	309.3	27.00	11.62	21.96	8.6	300.7	26.00	8.8	302.1	1.03	0.00	0.87
14	5	8	75	9.6	249.5	27.60	10.77	12.87	10.1	243.9	26.35	11.0	253.3	1.19	0.00	1.28
15	5	8	75	8.3	228.0	27.37	10.34	15.51	9.3	221.0	26.48	10.1	232.3	1.06	0.00	1.03
16	5	8	75	4.8	187.1	27.41	10.00	17.21	4.9	200.0	26.78	5.5	213.3	0.83	0.00	0.92
17	5	8	75	7.6	209.4	27.52	10.66	15.73	9.3	201.4	26.65	11.4	215.2	1.00	0.00	0.71
18	5	8	75	5.6	235.4	26.23	12.15	10.10	6.4	229.2	25.79	8.0	237.8	0.48	0.00	0.40
19	5	8	75	4.6	244.2	24.49	12.91	17.06	6.5	223.7	24.30	11.5	216.5	-0.37	0.00	0.18
20	5	8	75	7.4	252.9	22.54	15.12	11.42	9.8	223.9	22.90	14.6	205.5	-2.19	0.00	0.03
21	5	8	75	9.5	257.5	22.82	14.95	10.25	10.7	227.9	22.94	15.5	220.5	-1.48	0.00	0.01
22	5	8	75	10.4	276.4	21.93	15.13	7.10	8.7	243.4	22.08	14.7	226.3	-1.15	0.00	0.00
23	5	8	75	12.0	254.2	23.17	14.76	2.43	13.5	252.9	23.75	14.3	259.8	-0.96	0.00	0.00

RIO BLANCO OIL SHALE PROJECT 60 METER TOWER

				10 - METER LEVEL					30 - METER LEVEL			60 - METER LEVEL				
HR	DY	MO	YR	WS10	WDR10	AT10	RH10	SG10	WS30	WDR30	AT30	WS60	WDR60	DT60	PREC	SI
0	6	8	75	11.6	255.9	22.93	14.71	1.40	12.3	254.4	23.97	11.9	264.9	-1.25	0.00	0.00
1	6	8	75	9.6	247.4	23.59	14.54	1.68	8.9	236.8	23.76	8.9	237.8	-0.47	0.00	0.00
2	6	8	75	10.9	256.8	22.86	14.77	0.71	11.0	244.9	23.83	10.8	250.4	-1.19	0.00	0.00
3	6	8	75	13.2	251.4	21.42	15.21	2.65	15.0	241.6	22.41	14.5	246.5	-1.82	0.00	0.00
4	6	8	75	12.4	245.8	21.65	15.21	0.77	12.6	235.7	22.41	12.7	241.1	-1.10	0.00	0.00
5	6	8	75	11.7	242.3	21.50	15.32	3.22	13.0	231.2	21.98	12.7	234.2	-1.43	0.00	0.00
6	6	8	75	11.1	259.9	21.07	15.10	4.27	13.4	249.1	21.46	14.1	245.7	-0.50	0.00	0.06
7	6	8	75	9.8	254.6	22.22	14.25	5.88	11.9	242.9	21.91	14.0	246.3	-0.12	0.00	0.29
8	6	8	75	8.3	255.7	23.35	13.92	9.73	9.7	238.5	22.62	11.3	242.4	0.84	0.00	0.51
9	6	8	75	10.8	253.1	24.70	13.68	10.89	11.8	241.3	23.69	13.6	245.8	1.07	0.00	0.87
10	6	8	75	10.1	268.3	25.48	13.30	11.64	10.7	255.7	24.43	11.6	264.1	1.03	0.00	1.14
11	6	8	75	4.0	270.3	25.51	12.68	25.53	4.2	284.5	24.89	5.5	308.0	0.83	0.00	0.93
12	6	8	75	3.8	247.5	25.31	13.22	10.44	4.1	240.4	24.61	4.7	232.8	0.58	0.00	0.63
13	6	8	75	14.1	280.9	20.41	19.06	7.24	18.4	275.4	21.18	21.0	281.7	-0.93	0.01	0.34
14	6	8	75	8.8	259.3	25.21	12.76	13.53	9.8	251.5	24.25	10.6	254.5	0.95	0.00	0.98
15	6	8	75	8.1	232.3	27.04	11.03	18.61	9.6	218.6	25.80	10.6	236.5	1.41	0.00	999.00
16	6	8	75	7.8	239.4	26.78	11.80	16.32	8.8	229.3	25.90	9.3	227.2	0.99	0.00	0.83
17	6	8	75	15.1	252.5	26.17	12.21	10.55	17.5	245.3	25.40	20.9	245.5	0.79	0.00	0.59
18	6	8	75	4.6	226.2	25.36	12.03	12.45	5.1	224.8	24.96	6.6	232.5	0.55	0.00	0.34
19	6	8	75	8.1	264.9	24.49	14.05	8.03	9.2	261.9	24.24	9.5	274.3	0.30	0.00	0.12
20	6	8	75	9.2	250.6	22.49	15.26	3.91	10.2	228.5	22.97	11.2	226.7	-1.26	0.00	0.02
21	6	8	75	7.9	244.0	22.79	15.23	3.72	8.2	226.6	22.96	8.9	219.6	-0.86	0.00	0.01
22	6	8	75	7.3	247.3	21.22	16.09	14.77	10.0	219.4	21.41	14.2	208.4	-1.63	0.00	0.00
23	6	8	75	5.5	257.8	20.75	16.42	12.88	7.0	217.8	20.75	14.8	214.1	-1.17	0.00	0.00

RIO BLANCO OIL SHALE PROJECT 60 METER TOWER

				10 - METER LEVEL					30 - METER LEVEL			60 - METER LEVEL				
HR	DY	MO	YR	WS10	WDR10	AT10	RH10	SG10	WS30	WDR30	AT30	WS60	WDR60	DT60	PREC	SI
0	7	8	75	3.8	237.2	20.74	16.50	19.84	7.1	210.8	20.63	12.3	209.8	-0.57	0.00	0.00
1	7	8	75	5.6	230.8	20.82	16.53	20.03	8.6	211.5	20.78	15.0	216.0	-0.51	0.00	0.00
2	7	8	75	5.0	258.1	20.77	16.40	15.59	6.5	232.1	20.63	11.8	225.2	-0.39	0.00	0.00
3	7	8	75	7.3	246.3	20.73	16.36	16.56	9.0	235.6	20.52	16.4	225.8	-0.14	0.00	0.00
4	7	8	75	7.4	216.0	20.17	16.66	15.82	10.5	215.3	20.06	18.2	224.0	-0.27	0.00	0.00
5	7	8	75	7.0	227.6	20.16	16.67	18.96	9.5	220.6	19.95	17.4	225.7	-0.12	0.00	0.00
6	7	8	75	9.4	218.6	20.38	16.35	15.88	12.3	209.6	20.16	19.6	223.7	0.02	0.00	0.04
7	7	8	75	11.7	218.8	21.57	14.85	15.89	15.1	207.4	21.00	19.6	222.6	0.62	0.00	0.27
8	7	8	75	12.2	211.9	22.79	14.62	13.73	14.1	208.8	21.93	17.8	220.3	1.02	0.00	0.52
9	7	8	75	15.0	195.4	24.12	13.92	13.63	18.4	193.5	22.90	20.0	211.0	1.06	0.00	0.88
10	7	8	75	11.0	213.4	25.47	13.42	20.17	14.3	204.6	24.22	16.7	217.3	1.30	0.00	1.14
11	7	8	75	11.8	241.7	26.06	12.91	17.45	13.7	232.7	24.75	15.8	233.0	1.32	0.00	1.36
12	7	8	75	14.3	198.5	26.32	12.28	13.59	17.7	192.6	24.81	19.0	205.0	1.24	0.00	1.46
13	7	8	75	11.5	245.0	26.96	12.10	14.84	13.3	238.3	25.55	15.9	241.4	1.38	0.00	1.20
14	7	8	75	12.6	234.3	26.97	12.30	16.18	14.4	226.9	25.82	15.8	233.3	1.15	0.00	1.08
15	7	8	75	12.0	223.9	27.06	11.91	17.12	14.4	215.9	26.22	15.5	222.2	0.94	0.00	0.91
16	7	8	75	14.2	284.2	26.97	12.61	7.96	15.9	274.9	26.23	17.1	276.1	0.71	0.00	0.73
17	7	8	75	11.4	355.7	23.33	15.28	19.81	14.0	349.7	23.99	14.8	352.4	-0.79	0.00	0.27
18	7	8	75	7.2	203.2	23.58	14.90	8.76	9.0	191.3	23.45	9.6	196.2	-0.05	0.00	0.19
19	7	8	75	8.1	235.8	23.03	14.93	10.57	9.6	232.5	22.77	12.1	231.0	0.09	0.00	0.13
20	7	8	75	10.5	254.6	21.30	15.74	7.95	12.0	240.4	21.66	16.5	243.8	-0.19	0.00	0.03
21	7	8	75	13.6	275.8	21.64	15.43	5.83	18.0	272.1	21.87	21.3	281.6	-0.81	0.00	0.01
22	7	8	75	14.3	279.7	19.73	15.98	4.99	19.8	282.3	20.83	22.6	293.2	-2.06	0.00	0.01
23	7	8	75	3.6	328.6	19.07	16.95	11.65	4.3	343.5	19.15	5.0	1.1	-0.56	0.00	0.00

```
                                                    RIO BLANCO OIL SHALE PROJECT   60 METER TOWER

                          10 - METER LEVEL                        30 - METER LEVEL                 60 - METER LEVEL
 HR DY MO YR     WS10  WDR10     AT10      RH10      SG10          WS30   WDR30      AT30        WS60  WDR60      DT60       PREC      SI
 ++ ++ ++ ++    +-----------------------------------------+       +-------------------+        +-------------------+      +-----------+

  0  8  8 75      1.7  249.0    19.14     17.29     18.48           1.7    18.9     17.39         2.5  106.2     -0.18       0.00    0.00

  1  8  8 75      4.8  302.5    18.50     16.96      4.32           4.7   315.6     18.22         5.1  340.7     -0.26       0.00    0.00

  2  8  8 75      5.7  309.0    16.69     17.30     11.38           5.7   326.8     16.57         7.7    0.0     -0.42       0.00    0.00

  3  8  8 75      5.4  297.4    16.73     17.33      8.10           5.8   304.7     16.60         6.1  330.0     -0.21       0.00    0.00

  4  8  8 75      2.9  291.1    16.69     17.84      5.62           2.7   317.7     16.08         2.2    4.4     -0.08       0.00    0.00

  5  8  8 75      1.8  345.3    15.36     18.22     24.54           2.2    29.6     14.53         4.0   63.6     -0.13       0.00    0.00

  6  8  8 75      2.9  221.0    14.98     17.25      4.74           2.2   237.3     14.03         1.8  250.0     -0.03       0.00    0.06

  7  8  8 75      2.0   51.7    16.67     13.57     18.53           1.8    23.7     17.39         1.7  318.6      0.55       0.00    0.30

  8  8  8 75      3.5   57.6    18.38     13.89     14.01           3.2    42.3     18.21         2.9   53.6      0.66       0.00    0.61

  9  8  8 75      3.8   58.9    20.20     14.52     17.30           3.8    46.8     19.82         4.1   64.2      0.79       0.00    0.91

 10  8  8 75      7.3  271.5    22.70     13.84     14.39           7.7   264.3     21.73         7.9  261.1      1.02       0.00    1.18

 11  8  8 75      8.5  285.3    24.26     13.43     13.95           9.3   276.4     22.97         9.4  279.5      1.11       0.00    1.38

 12  8  8 75      9.9  289.0    24.66     13.01     15.19          10.5   280.3     23.47        10.6  284.4      1.28       0.00    1.48

 13  8  8 75     10.5  271.7    25.29     12.37     14.39          11.7   266.7     23.97        13.4  272.4      1.26       0.00    1.51

 14  8  8 75      9.6  274.6    25.95     11.98     14.46          10.8   267.9     24.64        11.6  267.0      1.22       0.00    1.44

 15  8  8 75     12.1  339.4    25.76     12.56     26.41          13.4   332.6     24.39        14.1  336.9      1.24       0.00    1.28

 16  8  8 75     14.9  326.8    25.60     12.90     10.91          16.1   316.7     24.49        16.4  322.5      0.99       0.00    1.07

 17  8  8 75     12.6  307.8    25.79     12.67      9.72          14.4   302.6     24.92        14.6  307.7      0.87       0.00    0.79

 18  8  8 75     11.5  315.8    25.29     12.92      7.40          13.5   306.9     24.74        14.5  312.0      0.62       0.00    0.48

 19  8  8 75      9.8  297.5    22.91     13.90      3.34          12.2   301.8     23.93        13.6  310.2     -1.16       0.00    0.19

 20  8  8 75     12.2  293.4    21.50     15.38      3.02          13.3   306.5     23.45        13.6  322.0     -2.40       0.00    0.03

 21  8  8 75     12.8  292.0    21.02     15.53      2.97          14.4   303.4     23.53        14.8  313.1     -2.81       0.00    0.00

 22  8  8 75      4.2  325.7    19.72     16.50     16.85           4.6   347.4     19.81         7.0   15.5     -1.00       0.00    0.00

 23  8  8 75      4.4  290.1    20.30     16.21      8.03           4.2   302.0     19.96         4.8  358.7     -0.30       0.00    0.00
```

RIO BLANCO OIL SHALE PROJECT 60 METER TOWER

				10 - METER LEVEL					30 - METER LEVEL			60 - METER LEVEL				
HR	DY	MO	YR	WS10	WDR10	AT10	RH10	SG10	WS30	WDR30	AT30	WS60	WDR60	DT60	PREC	$I
0	9	8	75	2.0	270.8	20.64	16.81	4.83	1.9	297.3	18.35	1.7	9.2	0.00	0.00	0.00
1	9	8	75	2.3	306.0	19.94	16.39	12.28	2.7	1.1	19.21	5.2	48.6	-0.26	0.00	0.00
2	9	8	75	3.8	307.0	19.65	16.38	5.23	3.2	321.9	19.12	3.1	23.4	-0.13	0.00	0.00
3	9	8	75	4.9	292.3	18.65	16.71	3.40	2.9	308.1	18.31	2.4	44.1	-0.61	0.00	0.00
4	9	8	75	4.4	283.0	19.39	16.59	2.14	3.4	290.1	18.95	1.7	288.6	-0.21	0.00	0.00
5	9	8	75	4.8	305.1	16.77	17.57	10.10	3.9	341.0	16.45	5.4	9.4	-1.30	0.00	0.00
6	9	8	75	2.5	139.6	17.37	16.18	15.70	2.9	42.3	17.17	3.0	76.7	-0.11	0.00	0.06
7	9	8	75	1.4	218.2	17.73	12.30	10.52	1.5	208.9	18.19	2.0	161.0	0.35	0.00	0.30
8	9	8	75	3.2	74.9	20.01	13.03	16.45	3.2	67.8	19.96	3.4	70.4	0.66	0.00	0.63
9	9	8	75	6.3	57.8	21.22	14.09	14.34	6.6	51.4	20.49	6.9	59.9	0.85	0.00	0.90
10	9	8	75	4.2	28.2	22.60	13.90	24.96	4.7	3.0	21.90	4.6	350.7	0.94	0.00	1.15
11	9	8	75	5.6	75.4	24.02	12.99	15.85	5.8	57.9	23.15	5.8	69.7	0.92	0.00	1.28
12	9	8	75	4.7	6.9	25.62	11.52	24.39	5.2	341.5	24.64	5.7	324.7	1.02	0.00	1.35
13	9	8	75	5.4	352.4	26.12	11.32	22.03	4.8	333.3	25.22	5.3	316.4	1.01	0.00	1.34
14	9	8	75	6.0	212.4	27.49	10.45	27.87	7.5	190.0	26.15	9.1	199.1	1.58	0.00	1.39
15	9	8	75	9.0	356.3	27.17	11.71	27.07	9.5	344.4	25.98	9.9	333.0	1.17	0.00	1.24
16	9	8	75	12.4	317.3	27.05	12.16	14.57	14.1	310.2	25.94	14.7	312.0	1.14	0.00	0.98
17	9	8	75	10.1	313.6	25.79	11.93	13.52	11.5	307.4	25.86	12.5	314.5	1.02	0.00	0.76
18	9	8	75	9.6	330.9	25.83	12.92	7.84	10.4	325.1	25.28	10.6	330.8	0.60	0.00	0.43
19	9	8	75	8.5	294.2	22.15	14.90	3.43	10.2	313.9	23.55	10.9	330.6	-2.52	0.00	0.12
20	9	8	75	8.2	294.0	22.60	15.11	3.74	8.5	314.4	23.60	8.9	335.7	-1.94	0.00	0.02
21	9	8	75	6.2	287.4	23.63	14.72	3.02	5.1	302.6	23.43	3.8	334.9	-0.55	0.00	0.00
22	9	8	75	5.9	289.3	23.53	14.71	2.92	4.6	304.0	23.45	3.1	326.4	-0.57	0.00	0.00
23	9	8	75	5.6	284.3	23.40	14.75	2.86	4.1	298.1	23.26	2.6	312.7	-0.42	0.00	0.00

RIO BLANCO OIL SHALE PROJECT 60 METER TOWER

				10 - METER LEVEL					30 - METER LEVEL			60 - METER LEVEL				
HR	DY	MO	YR	WS10	WDR10	AT10	RH10	SG10	WS30	WDR30	AT30	WS60	WDR60	DT60	PREC	SI
0	10	8	75	6.5	276.7	22.54	14.94	3.54	6.8	297.5	23.24	6.1	320.2	-1.48	0.00	0.00
1	10	8	75	8.1	210.7	20.67	16.05	4.66	7.7	205.9	20.80	5.9	236.1	-1.30	0.00	0.00
2	10	8	75	7.9	236.5	22.34	15.37	2.16	6.3	219.4	22.34	6.6	210.7	-0.48	0.00	0.00
3	10	8	75	8.0	244.9	22.78	15.08	1.19	6.4	226.9	23.16	5.7	222.1	-0.82	0.00	0.00
4	10	8	75	2.2	254.5	18.79	17.35	22.23	2.1	25.8	18.04	3.3	34.7	-1.30	0.00	0.00
5	10	8	75	2.7	218.5	19.95	16.59	10.34	2.0	186.7	19.36	2.2	173.4	-0.37	0.00	0.00
6	10	8	75	2.3	272.7	20.20	15.67	2.73	1.0	298.7	19.12	1.1	157.3	-0.24	0.00	0.06
7	10	8	75	3.3	115.4	19.17	14.65	9.55	3.3	98.1	19.50	3.1	119.9	-0.74	0.00	0.18
8	10	8	75	1.3	353.9	21.54	13.14	24.71	1.4	5.1	22.76	1.8	16.5	0.69	0.00	0.53
9	10	8	75	8.7	275.3	23.33	14.07	10.22	9.4	262.2	22.34	9.4	260.4	1.14	0.00	0.88
10	10	8	75	8.6	254.5	24.74	13.80	13.39	10.0	246.0	23.53	10.5	255.1	1.28	0.00	1.13
11	10	8	75	11.3	266.7	25.90	13.28	13.62	13.5	261.1	24.50	13.7	263.5	1.27	0.00	1.32
12	10	8	75	11.4	277.5	26.24	12.44	14.19	13.1	266.7	25.08	14.0	273.7	1.09	0.00	1.27
13	10	8	75	10.3	276.3	25.62	13.12	9.08	11.4	270.5	24.87	12.5	277.4	0.82	0.00	0.71
14	10	8	75	18.2	203.4	14.02	15.48	12.23	22.2	197.0	21.71	25.0	204.5	-7.79	0.00	0.14
15	10	8	75	6.3	184.1	21.59	15.04	16.01	8.3	188.8	20.99	9.1	205.5	0.51	0.00	0.31
16	10	8	75	10.1	154.2	22.98	13.49	11.75	12.0	143.7	22.34	12.9	156.6	0.72	0.00	0.45
17	10	8	75	7.0	154.1	22.68	13.88	12.28	8.2	147.4	21.93	8.5	151.0	0.81	0.00	0.48
18	10	8	75	1.9	314.6	21.53	14.72	12.21	2.3	332.1	20.96	1.8	23.0	0.30	0.00	0.21
19	10	8	75	3.3	191.1	20.39	16.68	3.44	4.0	176.4	20.30	3.9	151.7	-0.33	0.00	0.06
20	10	8	75	9.6	256.9	20.27	16.62	3.70	11.0	244.1	20.52	12.6	234.2	-0.75	0.00	0.01
21	10	8	75	7.8	261.2	20.20	16.56	6.64	8.4	244.7	19.99	10.7	236.6	0.09	0.00	0.00
22	10	8	75	7.4	252.5	20.60	16.17	7.17	8.1	239.5	20.42	10.2	233.3	-0.02	0.00	0.00
23	10	8	75	12.4	251.7	20.46	16.14	7.25	15.9	251.6	20.40	18.6	259.2	-0.13	0.00	0.00

RIO BLANCO OIL SHALE PROJECT 60 METER TOWER

				10 - METER LEVEL					30 - METER LEVEL			60 - METER LEVEL				
HR	DY	MO	YR	WS10	WDR10	AT10	RH10	SG10	WS30	WDR30	AT30	WS60	WDR60	DT60	PREC	SI
0	11	8	75	13.8	253.2	20.06	16.31	6.79	17.5	249.8	19.96	21.3	254.8	-0.21	0.00	0.00
1	11	8	75	12.5	252.7	19.90	16.42	7.94	15.8	245.2	19.69	18.8	253.6	0.08	0.00	0.00
2	11	8	75	14.2	257.8	20.34	16.09	6.75	17.2	253.7	20.09	20.2	260.7	0.10	0.00	0.00
3	11	8	75	3.6	63.8	19.03	16.80	12.71	4.7	33.2	18.67	5.4	15.1	0.18	0.00	0.00
4	11	8	75	4.1	192.2	18.51	17.42	6.17	5.3	174.5	18.51	5.5	167.9	-0.47	0.00	0.00
5	11	8	75	5.6	252.3	18.25	17.40	14.19	6.3	235.6	17.96	9.9	227.4	0.16	0.00	0.00
6	11	8	75	6.9	276.4	18.08	17.42	9.44	9.1	272.9	17.80	11.9	286.5	0.09	0.00	0.05
7	11	8	75	3.9	224.6	18.75	16.67	12.23	4.7	224.5	18.28	5.3	240.7	0.50	0.00	0.15
8	11	8	75	6.2	256.7	19.45	16.31	10.74	7.2	248.6	18.79	8.0	254.3	0.75	0.00	0.29
9	11	8	75	7.0	237.5	19.64	16.24	14.85	8.1	232.2	18.99	10.2	240.3	0.89	0.00	0.44
10	11	8	75	14.6	291.6	20.15	16.37	8.60	15.5	230.9	16.99	15.6	282.2	0.89	0.00	0.92
11	11	8	75	8.8	302.0	20.16	16.19	9.64	9.4	294.5	19.24	10.0	293.7	0.99	0.00	0.67
12	11	8	75	7.1	244.8	21.69	14.27	18.48	7.8	236.9	20.47	7.9	242.7	1.13	0.00	1.03
13	11	8	75	7.9	266.9	20.98	15.55	10.27	8.9	259.5	20.22	9.4	263.5	0.79	0.00	0.51
14	11	8	75	9.2	193.1	21.26	14.62	13.30	10.1	190.6	20.25	10.3	208.8	1.06	0.00	0.81
15	11	8	75	12.9	141.2	21.48	14.65	12.40	13.7	136.4	20.39	14.4	143.1	1.16	0.00	1.11
16	11	8	75	12.3	126.7	21.78	13.59	10.23	13.4	118.2	20.64	13.9	126.5	1.32	0.00	1.12
17	11	8	75	9.5	128.3	21.56	13.90	9.23	11.1	118.2	20.66	11.2	130.4	1.13	0.00	0.76
18	11	8	75	5.7	157.3	20.39	17.14	11.49	7.2	144.7	19.67	8.2	148.3	0.59	0.00	0.23
19	11	8	75	3.7	256.8	19.48	21.96	14.50	4.9	230.5	19.09	7.6	216.8	0.18	0.00	0.05
20	11	8	75	30.8	291.0	8.02	61.72	6.42	37.1	280.2	12.94	41.1	286.3	-4.69	0.01	0.02
21	11	8	75	12.9	340.0	12.47	76.24	15.88	15.2	331.7	12.16	16.7	336.2	0.30	0.00	0.02
22	11	8	75	4.9	150.2	11.80	76.49	8.49	5.6	122.6	11.56	6.0	92.1	-0.16	0.00	0.02
23	11	8	75	5.4	194.0	11.02	80.37	6.73	6.6	174.1	10.78	7.4	172.9	0.13	0.00	0.02

RIO BLANCO OIL SHALE PROJECT   60 METER TOWER

				10 - METER LEVEL					30 - METER LEVEL			60 - METER LEVEL				
HR	DY	MO	YR	WS10	WDR10	AT10	RH10	SG10	WS30	WDR30	AT30	WS60	WDR60	DT60	PREC	SI
0	12	8	75	5.0	222.3	11.16	81.36	5.04	5.8	201.2	11.01	6.0	194.6	0.02	0.00	0.02
1	12	8	75	7.4	248.2	11.67	78.80	4.60	6.6	229.9	11.69	5.1	219.7	-0.18	0.00	0.02
2	12	8	75	4.6	273.8	11.57	75.02	8.10	5.6	242.5	12.04	6.4	221.1	-1.16	0.00	0.02
3	12	8	75	6.5	237.0	14.24	58.57	2.77	5.2	220.2	14.49	4.4	231.8	-0.72	0.00	0.02
4	12	8	75	0.8	176.1	13.32	61.63	10.84	1.2	164.3	12.18	2.1	163.5	-0.19	0.00	0.02
5	12	8	75	2.1	79.4	10.86	68.47	9.37	2.4	72.9	10.39	3.7	115.3	-0.17	0.00	0.02
6	12	8	75	1.8	260.5	12.29	73.06	8.41	2.1	279.2	11.76	2.3	264.8	-0.89	0.00	999.00
7	12	8	75	1.5	352.4	15.04	26.29	16.99	1.9	275.5	15.72	2.3	261.7	-0.02	0.00	999.00
8	12	8	75	2.9	64.6	14.67	33.63	11.78	2.7	49.2	14.78	2.2	62.9	0.52	0.00	999.00
9	12	8	75	5.3	76.2	16.58	33.17	8.69	5.1	68.4	16.02	5.5	85.2	0.76	0.00	999.00
10	12	8	75	5.6	35.2	13.80	26.33	14.92	6.0	74.9	18.00	6.5	82.3	0.87	0.00	999.00
11	12	8	75	6.3	111.3	21.10	16.60	19.10	6.9	124.8	20.29	7.0	142.1	0.95	0.00	999.00
12	12	8	75	5.1	309.2	20.25	18.65	19.86	5.6	330.8	19.58	6.1	344.0	0.78	0.00	999.00
13	12	8	75	3.7	115.3	21.21	14.47	15.13	3.5	103.0	20.83	2.6	115.1	0.60	0.00	999.00
14	12	8	75	5.9	301.5	21.15	17.16	14.83	7.0	299.0	20.45	7.0	311.5	0.76	0.00	999.00
15	12	8	75	6.4	281.3	21.22	16.25	10.26	7.0	279.0	20.64	7.2	281.7	0.72	0.00	999.00
16	12	8	75	9.1	274.2	20.80	17.92	12.09	10.5	267.6	20.23	11.4	277.3	0.63	0.00	999.00
17	12	8	75	19.5	323.8	17.56	21.33	8.61	22.5	315.2	16.92	25.2	320.4	0.63	0.00	999.00
18	12	8	75	9.0	335.6	16.91	24.04	16.46	11.0	327.5	16.35	12.2	332.2	0.57	0.00	999.00
19	12	8	75	4.8	135.3	16.45	24.22	5.68	5.2	127.2	16.10	4.9	141.1	0.13	0.00	999.00
20	12	8	75	3.8	41.9	15.00	35.51	8.73	4.8	38.8	14.60	6.3	53.4	0.29	0.00	999.00
21	12	8	75	4.8	196.0	14.00	43.41	10.28	6.8	182.3	13.76	8.4	182.4	0.05	0.00	999.00
22	12	8	75	4.9	243.7	13.17	57.87	13.36	6.6	210.6	13.03	9.2	202.1	-0.15	0.00	999.00
23	12	8	75	6.6	231.2	14.13	46.41	5.55	7.6	207.4	14.31	8.2	200.2	-0.44	0.00	999.00

RIO BLANCO OIL SHALE PROJECT 60 METER TOWER

				10 - METER LEVEL					30 - METER LEVEL			60 - METER LEVEL				
HR ++	DY ++	MO ++	YR ++	WS10	WDR10	AT10	RH10	SG10	WS30	WDR30	AT30	WS60	WDR60	DT60	PREC	SI
0	13	8	75	2.9	253.1	14.33	42.53	9.91	2.3	225.0	14.16	2.7	189.5	-0.56	0.00	999.00
1	13	8	75	2.2	240.1	15.15	39.57	5.84	1.2	254.2	13.84	1.3	187.5	0.17	0.00	999.00
2	13	8	75	3.4	281.3	15.14	38.37	2.44	3.0	290.6	13.96	2.2	310.1	0.25	0.00	999.00
3	13	8	75	5.2	248.4	15.03	36.14	5.41	4.0	250.0	14.59	3.1	263.0	0.16	0.00	999.00
4	13	8	75	3.7	344.8	12.59	45.05	27.36	4.3	330.4	12.19	5.4	313.4	-0.24	0.00	999.00
5	13	8	75	1.7	347.1	12.75	55.72	23.78	2.3	336.7	12.33	2.3	331.7	-0.34	0.00	999.00
6	13	8	75	3.1	283.0	13.26	51.80	4.66	3.0	298.1	12.99	3.0	307.0	-0.15	0.00	999.00
7	13	8	75	3.4	187.3	13.58	38.77	6.92	3.4	182.7	13.47	2.7	172.5	-0.29	0.00	999.00
8	13	8	75	3.1	48.8	14.73	31.07	8.85	3.1	37.0	14.55	2.9	54.2	0.55	0.00	999.00
9	13	8	75	2.5	172.4	15.93	27.55	19.11	2.6	176.9	15.64	2.7	191.3	0.69	0.00	999.00
10	13	8	75	5.8	227.7	18.55	20.19	22.47	6.7	225.6	17.72	7.5	236.9	1.01	0.00	999.00
11	13	8	75	11.7	273.4	19.30	19.10	12.18	12.9	266.4	18.16	12.7	270.0	0.94	0.00	999.00
12	13	8	75	11.7	282.8	18.14	20.94	7.60	12.6	276.1	17.45	13.5	280.1	0.75	0.00	999.00
13	13	8	75	6.7	232.1	18.09	22.01	14.71	7.8	282.3	17.42	7.8	288.1	0.67	0.00	999.00
14	13	8	75	9.8	272.7	19.48	16.68	11.50	10.8	268.9	18.32	11.6	277.7	1.11	0.00	999.00
15	13	8	75	12.7	290.3	20.13	16.11	10.75	13.5	283.7	19.11	14.1	287.3	1.02	0.00	999.00
16	13	8	75	14.0	344.2	18.76	19.08	29.53	15.9	337.0	17.74	15.8	341.1	1.06	0.00	999.00
17	13	8	75	22.4	257.0	16.23	44.19	8.41	26.0	250.4	12.59	29.8	258.7	3.60	0.00	999.00
18	13	8	75	10.9	280.8	13.24	48.03	5.93	13.5	282.7	14.27	14.3	298.2	-1.78	0.00	999.00
19	13	8	75	12.3	278.8	14.16	31.88	6.33	16.5	277.4	14.52	19.3	291.2	-1.15	0.00	999.00
20	13	8	75	10.8	265.1	14.60	27.62	7.42	15.4	268.7	15.24	16.9	284.3	-1.33	0.00	999.00
21	13	8	75	4.2	188.2	13.21	37.08	4.55	5.1	169.3	13.19	6.7	157.9	-0.59	0.00	999.00
22	13	8	75	3.6	241.5	13.42	34.07	7.81	3.0	218.2	13.39	2.3	168.6	-0.84	0.00	999.00
23	13	8	75	4.7	280.3	13.12	36.37	4.31	4.1	292.9	12.32	2.8	307.7	-0.28	0.00	999.00

RIO BLANCO OIL SHALE PROJECT 60 METER TOWER

				10 - METER LEVEL					30 - METER LEVEL			60 - METER LEVEL				
HR	DY	MO	YR	WS10	WDR10	AT10	RH10	SG10	WS30	WDR30	AT30	WS60	WDR60	DT60	PREC	SI
++	++	++	++													
0	14	8	75	6.7	261.6	14.67	28.51	1.86	6.2	261.5	14.64	6.2	269.6	-0.19	0.00	999.00
1	14	8	75	10.1	250.2	13.62	30.95	4.74	13.1	251.6	14.10	13.6	264.2	-0.83	0.00	999.00
2	14	8	75	6.4	270.7	13.34	33.98	4.44	7.8	280.5	13.74	8.4	290.9	-0.69	0.00	999.00
3	14	8	75	3.3	252.5	12.50	36.48	9.77	4.3	253.7	12.29	5.5	261.1	-0.39	0.00	999.00
4	14	8	75	5.2	287.5	11.96	36.80	14.30	6.2	251.1	12.62	7.6	236.3	-1.65	0.00	999.00
5	14	8	75	3.6	218.1	12.16	40.53	6.91	3.2	198.6	11.99	3.4	184.7	-0.39	0.00	999.00
6	14	8	75	3.7	209.4	12.56	35.78	8.00	5.3	191.9	12.46	6.5	185.1	-0.23	0.00	999.00
7	14	8	75	1.4	130.8	14.26	23.57	7.83	1.0	242.3	14.22	1.8	199.2	0.33	0.00	999.00
8	14	8	75	4.3	159.6	16.33	20.23	12.08	4.7	158.8	15.83	4.2	176.5	0.79	0.00	999.00
9	14	8	75	10.8	263.5	18.09	19.19	9.08	11.7	255.2	17.20	11.6	257.3	0.86	0.00	999.00
10	14	8	75	11.2	266.5	18.30	19.81	8.36	12.5	256.6	17.45	13.0	259.1	0.92	0.00	999.00
11	14	8	75	11.7	260.7	19.44	18.75	8.38	13.3	248.7	18.25	14.4	252.1	1.02	0.00	999.00
12	14	8	75	8.8	252.7	18.76	19.50	8.57	9.6	245.7	18.12	11.1	252.0	0.75	0.00	999.00
13	14	8	75	11.7	217.6	16.12	30.04	11.62	14.3	210.6	14.29	17.0	225.3	-0.01	0.00	999.00
14	14	8	75	10.1	252.1	15.79	28.42	3.17	11.9	241.9	16.61	13.1	246.0	-1.31	0.00	999.00
15	14	8	75	7.6	239.1	19.68	16.16	12.64	8.9	235.4	18.92	10.2	245.5	0.91	0.00	999.00
16	14	8	75	21.4	280.3	8.99	57.04	6.69	26.6	275.5	8.74	29.4	285.4	-2.44	0.00	999.00
17	14	8	75	6.6	341.5	11.88	57.10	27.51	9.7	332.6	11.96	12.6	341.1	-0.71	0.00	999.00
18	14	8	75	5.6	201.5	13.02	53.77	10.92	7.3	181.8	12.83	8.6	183.3	0.04	0.00	999.00
19	14	8	75	3.3	220.7	13.14	46.13	7.83	3.6	199.1	12.95	3.7	190.6	0.05	0.00	999.00
20	14	8	75	2.6	270.5	12.86	50.00	12.89	1.7	313.1	12.42	1.6	336.9	-0.34	0.00	999.00
21	14	8	75	3.4	215.6	12.45	53.92	5.61	3.2	203.4	12.11	3.6	168.2	-0.71	0.00	999.00
22	14	8	75	1.9	330.6	11.00	64.18	31.12	3.2	28.3	10.64	5.0	61.7	-0.05	0.00	999.00
23	14	8	75	4.3	264.0	10.93	62.69	6.19	3.0	249.5	11.20	2.0	249.6	-0.74	0.00	999.00

RIO BLANCO OIL SHALE PROJECT 60 METER TOWER

				10 - METER LEVEL					30 - METER LEVEL			60 - METER LEVEL				
HR	DY	MO	YR	WS10	WDR10	AT10	RH10	SG10	WS30	WDR30	AT30	WS60	WDR60	DT60	PREC	SI
0	15	8	75	2.9	324.0	9.45	74.56	11.29	3.2	347.7	8.83	3.9	49.0	-0.38	0.00	999.00
1	15	8	75	1.9	222.1	10.82	74.91	7.79	1.1	248.7	8.66	1.5	199.7	-0.08	0.00	999.00
2	15	8	75	2.2	340.6	10.42	69.82	22.05	2.6	29.2	9.41	2.8	51.5	-0.29	0.00	999.00
3	15	8	75	2.4	266.5	11.35	68.22	4.12	1.6	252.2	9.37	1.8	182.5	0.11	0.00	999.00
4	15	8	75	1.6	194.4	11.62	58.21	7.79	2.2	174.1	10.25	2.6	191.7	-0.89	0.00	999.00
5	15	8	75	2.8	327.4	11.15	52.75	11.55	2.7	10.4	10.29	2.6	47.0	-0.45	0.00	999.00
6	15	8	75	2.8	305.0	11.03	47.09	3.71	3.0	312.6	10.45	2.7	350.4	-0.12	0.00	999.00
7	15	8	75	1.9	32.2	11.54	24.35	9.79	2.1	22.8	11.82	3.0	30.0	0.16	0.00	999.00
8	15	8	75	1.6	54.8	13.43	24.93	21.60	1.5	28.5	14.43	1.4	80.2	0.59	0.00	999.00
9	15	8	75	999.0	999.0	999.00	999.00	999.00	999.0	999.0	999.00	999.0	999.0	999.00	0.00	999.00
10	15	8	75	9.2	266.4	14.19	19.30	11.91	10.2	289.3	18.06	9.8	254.1	0.58	0.00	999.00
11	15	8	75	8.8	248.9	19.83	17.44	12.51	9.8	237.9	18.81	11.6	247.5	1.05	0.00	999.00
12	15	8	75	15.0	292.6	20.13	15.74	9.10	16.7	284.1	18.96	17.3	290.4	0.86	0.00	999.00
13	15	8	75	7.8	243.3	19.00	17.44	12.75	9.7	232.9	18.54	10.9	246.2	0.43	0.00	999.00
14	15	8	75	10.0	250.3	19.17	16.50	13.12	11.2	237.5	18.59	15.5	238.9	0.51	0.00	999.00
15	15	8	75	9.1	288.5	21.09	14.17	17.98	11.1	212.3	20.07	12.1	213.9	1.11	0.00	999.00
16	15	8	75	11.1	186.6	20.47	15.06	11.79	13.8	179.0	19.37	14.2	191.2	1.12	0.00	999.00
17	15	8	75	6.8	196.5	21.16	12.80	13.82	9.1	185.9	20.30	9.5	179.9	0.86	0.00	999.00
18	15	8	75	2.7	201.0	20.55	14.37	5.87	3.3	197.9	20.15	3.6	209.3	0.42	0.00	999.00
19	15	8	75	3.0	211.2	19.70	16.98	6.54	3.0	194.2	19.19	3.1	199.0	-0.20	0.00	999.00
20	15	8	75	4.6	224.1	19.40	18.06	4.00	3.6	210.6	19.12	3.0	228.7	-0.37	0.00	999.00
21	15	8	75	3.1	327.0	16.61	19.35	19.12	4.3	340.8	16.31	6.0	11.6	-0.25	0.00	999.00
22	15	8	75	3.8	303.6	16.44	19.39	10.81	3.7	338.0	16.11	5.7	24.5	-0.36	0.00	999.00
23	15	8	75	3.3	301.4	15.71	20.15	4.65	2.5	342.5	15.33	3.6	50.4	-0.55	0.00	999.00

RIO BLANCO OIL SHALE PROJECT 60 METER TOWER

				10 - METER LEVEL					30 - METER LEVEL			60 - METER LEVEL				
HR	DY	MO	YR	WS10	WDR10	AT10	RH10	SG10	WS30	WDR30	AT30	WS60	WDR60	DT60	PREC	SI
0	16	8	75	3.0	271.1	16.12	20.70	7.22	2.3	293.5	14.93	2.4	49.1	0.14	0.00	999.00
1	16	8	75	1.9	248.6	16.04	21.28	5.82	1.4	266.6	13.99	1.3	213.3	0.17	0.00	999.00
2	16	8	75	2.3	219.1	15.82	21.27	6.46	1.6	262.2	13.89	0.9	90.7	-0.16	0.00	999.00
3	16	8	75	1.6	292.8	15.41	22.49	5.41	1.7	320.3	13.63	1.5	71.6	-0.15	0.00	999.00
4	16	8	75	2.8	277.8	15.27	21.84	1.40	2.3	291.2	14.30	1.0	278.4	-0.16	0.00	999.00
5	16	8	75	3.1	248.9	15.97	20.98	2.81	2.5	240.5	15.18	1.7	237.1	0.32	0.00	999.00
6	16	8	75	3.9	279.5	15.30	20.33	7.13	3.9	309.1	15.24	3.1	338.1	-0.35	0.00	999.00
7	16	8	75	3.5	302.2	16.02	19.31	9.00	2.4	320.3	16.08	2.5	349.9	-0.35	0.00	999.00
8	16	8	75	1.9	158.5	14.86	21.09	12.66	3.3	181.7	15.05	4.5	131.6	-0.66	0.00	999.00
9	16	8	75	7.6	151.5	19.00	16.21	10.68	9.0	145.5	18.16	9.2	153.3	0.89	0.00	999.00
10	16	8	75	7.6	104.5	19.84	15.51	11.24	8.6	95.5	19.06	9.1	108.5	0.84	0.00	999.00
11	16	8	75	5.8	291.2	21.03	14.70	18.55	6.1	288.5	20.45	6.4	299.5	0.77	0.00	999.00
12	16	8	75	11.4	298.7	21.19	14.91	10.01	12.3	293.6	20.08	12.8	299.7	0.99	0.00	999.00
13	16	8	75	18.8	272.8	18.89	16.63	9.54	21.5	267.0	18.34	24.0	274.0	0.41	0.00	999.00
14	16	8	75	7.4	332.1	19.31	17.04	12.51	8.4	325.3	18.51	8.1	330.3	0.72	0.01	999.00
15	16	8	75	11.6	292.1	18.17	18.29	7.65	14.2	285.6	17.73	16.5	294.0	0.35	0.00	999.00
16	16	8	75	6.4	266.4	20.64	14.66	9.77	6.7	257.8	19.83	7.2	256.3	0.85	0.00	999.00
17	16	8	75	7.6	191.6	21.32	13.22	10.90	9.0	180.3	20.64	9.2	193.7	0.71	0.00	999.00
18	16	8	75	9.9	197.7	17.72	17.17	19.18	12.6	199.1	18.63	14.0	213.6	-0.73	0.00	999.00
19	16	8	75	7.0	243.7	18.07	18.70	3.56	7.6	241.2	18.33	7.9	252.8	-0.52	0.00	999.00
20	16	8	75	8.5	283.6	17.68	17.93	3.00	9.0	294.6	18.72	9.7	302.0	-1.38	0.00	999.00
21	16	8	75	9.9	256.1	17.17	17.94	4.49	10.7	231.2	17.38	13.1	226.0	-1.08	0.00	999.00
22	16	8	75	9.8	244.8	18.29	17.82	2.11	9.2	228.3	18.49	8.4	223.9	-0.77	0.00	999.00
23	16	8	75	12.0	249.7	17.35	17.97	2.18	13.3	246.7	18.15	14.1	258.9	-1.17	0.00	999.00

RIO BLANCO OIL SHALE PROJECT 60 METER TOWER

				10 - METER LEVEL					30 - METER LEVEL			60 - METER LEVEL				
HR	DY	MO	YR	WS10	WDR10	AT10	RH10	SG10	WS30	WDR30	AT30	WS60	WDR60	DT60	PREC	SI
0	17	8	75	11.6	250.5	16.81	18.47	2.53	12.9	250.6	17.78	13.8	263.7	-1.33	0.00	999.00
1	17	8	75	11.6	249.0	17.14	18.19	1.45	12.0	238.2	17.89	12.3	245.5	-1.03	0.00	999.00
2	17	8	75	9.6	250.7	16.69	18.26	3.10	9.9	239.8	17.14	10.2	236.5	-0.73	0.00	999.00
3	17	8	75	5.7	216.3	14.63	20.17	6.86	5.8	201.4	14.62	5.7	212.2	-0.65	0.00	999.00
4	17	8	75	12.3	262.2	14.38	19.96	4.37	14.8	250.4	14.63	16.7	240.0	-0.37	0.00	999.00
5	17	8	75	12.1	256.0	14.80	19.99	3.98	14.5	245.6	15.11	15.1	240.5	-0.60	0.00	999.00
6	17	8	75	10.7	258.2	14.61	19.80	4.28	12.9	248.8	15.06	15.5	243.0	-0.69	0.00	999.00
7	17	8	75	5.9	228.9	16.89	17.37	17.93	7.1	217.3	16.42	10.8	229.2	0.54	0.00	999.00
8	17	8	75	8.1	208.1	18.62	16.82	15.95	9.7	202.1	17.83	11.9	221.7	1.10	0.00	999.00
9	17	8	75	9.0	211.0	19.65	16.27	16.10	11.0	208.3	18.65	13.2	223.0	1.33	0.00	999.00
10	17	8	75	9.6	269.7	20.26	16.01	10.75	10.2	255.5	19.41	10.0	249.2	0.76	0.00	999.00
11	17	8	75	6.9	221.7	21.50	14.93	19.18	8.3	214.3	20.40	9.1	219.7	0.99	0.00	999.00
12	17	8	75	8.5	206.1	22.52	13.73	20.17	10.0	202.7	21.10	11.1	212.2	1.36	0.00	999.00
13	17	8	75	12.1	185.2	22.29	13.71	11.98	14.5	178.2	20.88	15.4	188.9	1.09	0.00	999.00
14	17	8	75	11.0	186.8	22.68	13.26	15.93	12.6	179.4	21.45	13.2	190.8	1.11	0.00	999.00
15	17	8	75	11.7	191.6	22.93	13.30	13.59	14.0	183.8	21.79	14.5	196.3	1.00	0.00	999.00
16	17	8	75	7.7	225.2	23.59	12.48	17.21	10.0	216.5	22.62	11.4	222.2	1.01	0.00	999.00
17	17	8	75	11.6	195.6	23.11	12.75	11.72	15.2	191.5	22.27	16.3	202.9	0.50	0.00	999.00
18	17	8	75	8.9	205.7	22.47	13.27	12.20	10.9	208.9	22.04	13.6	218.1	0.43	0.00	999.00
19	17	8	75	5.6	244.8	20.97	14.62	9.08	6.9	230.2	20.77	9.8	231.8	-0.13	0.00	999.00
20	17	8	75	7.0	250.1	19.63	16.38	7.31	8.8	217.0	20.26	10.4	209.7	-1.44	0.00	999.00
21	17	8	75	7.4	250.3	18.74	16.86	10.06	9.9	211.8	19.42	11.7	198.3	-1.79	0.00	999.00
22	17	8	75	7.8	243.5	18.76	16.86	9.71	9.9	216.8	19.23	12.5	206.3	-2.03	0.00	999.00
23	17	8	75	9.4	253.1	18.77	16.83	5.34	10.1	224.9	19.23	12.6	216.1	-1.89	0.00	999.00

				10 - METER LEVEL					30 - METER LEVEL			60 - METER LEVEL				
HR	DY	MO	YR	WS10	WDR10	AT10	RH10	SG10	WS30	WDR30	AT30	WS60	WDR60	DT60	PREC	SI
0	18	8	75	6.6	251.2	18.07	17.20	14.30	8.9	224.2	18.20	15.4	209.5	-1.79	0.00	999.00
1	18	8	75	7.9	261.6	17.82	17.25	10.23	9.0	225.8	17.85	15.4	221.8	-1.46	0.00	999.00
2	18	8	75	8.4	214.9	17.99	17.48	16.08	11.6	213.8	17.97	18.8	217.8	-0.59	0.00	999.00
3	18	8	75	9.0	254.6	17.29	17.54	11.93	8.8	230.8	17.08	14.7	227.7	-0.39	0.00	999.00
4	18	8	75	6.3	224.5	17.01	17.75	16.64	9.2	217.8	16.91	17.0	220.6	-0.46	0.00	999.00
5	18	8	75	9.0	213.9	16.66	18.24	16.36	12.0	211.6	16.56	19.7	219.0	-0.36	0.00	999.00
6	18	8	75	9.0	217.9	16.75	17.92	16.74	12.0	213.7	16.56	19.2	216.7	-0.03	0.00	999.00
7	18	8	75	9.9	204.7	18.30	16.04	12.90	13.1	199.6	17.72	15.5	216.0	0.67	0.00	999.00
8	18	8	75	12.1	202.6	19.95	16.15	13.92	15.6	196.6	18.97	19.0	212.1	1.12	0.00	999.00
9	18	8	75	13.5	185.8	20.61	15.70	12.04	16.9	178.1	19.45	17.2	191.0	1.01	0.00	999.00
10	18	8	75	12.7	194.6	20.66	15.67	11.67	16.1	190.6	19.93	17.7	202.2	0.72	0.00	999.00
11	18	8	75	13.7	204.5	23.13	14.55	15.31	16.5	194.9	21.67	18.5	214.6	1.33	0.00	999.00
12	18	8	75	13.0	210.2	23.38	13.60	17.72	16.2	207.8	21.94	18.8	218.6	1.42	0.00	999.00
13	18	8	75	13.6	216.1	23.50	13.18	18.23	14.3	211.7	22.24	16.9	218.8	1.07	0.00	999.00
14	18	8	75	12.4	199.1	24.25	12.79	15.08	15.0	185.7	22.76	17.5	205.3	1.39	0.00	999.00
15	18	8	75	10.3	209.1	24.63	12.50	17.96	13.7	198.8	23.37	15.5	212.3	1.26	0.00	999.00
16	18	8	75	12.3	210.8	23.92	13.09	15.85	15.7	196.1	22.96	18.9	213.8	0.92	0.00	999.00
17	18	8	75	12.8	215.6	23.89	12.78	16.93	15.9	210.5	23.08	20.7	224.9	0.84	0.00	999.00
18	18	8	75	8.2	216.6	23.09	12.94	16.40	11.2	208.9	22.65	15.2	220.4	0.44	0.00	999.00
19	18	8	75	5.8	239.3	20.81	14.84	16.75	7.2	216.4	20.62	11.9	222.0	-0.16	0.00	999.00
20	18	8	75	7.7	257.1	19.36	16.46	10.33	9.0	224.6	19.36	13.7	222.3	-1.35	0.00	999.00
21	18	8	75	7.0	254.6	18.31	16.69	12.20	9.3	224.7	18.53	14.3	208.8	-1.97	0.00	999.00
22	18	8	75	6.2	250.6	18.11	16.90	14.59	8.2	216.9	18.05	17.2	213.3	-1.11	0.00	999.00
23	18	8	75	6.9	253.7	17.52	17.05	14.21	9.4	222.9	17.65	15.7	213.5	-1.53	0.00	999.00

RIO BLANCO OIL SHALE PROJECT 60 METER TOWER

				10 - METER LEVEL					30 - METER LEVEL			60 - METER LEVEL				
HR	DY	MO	YR	WS10	WDR10	AT10	RH10	SG10	WS30	WDR30	AT30	WS60	WDR60	DT60	PREC	SI
0	19	8	75	5.9	249.6	17.24	17.24	17.20	7.9	228.2	17.20	15.3	214.6	-1.32	0.00	999.00
1	19	8	75	5.1	244.0	17.15	17.05	15.96	7.5	218.5	17.06	13.0	219.5	-0.71	0.00	999.00
2	19	8	75	5.8	251.6	16.94	17.38	15.71	8.4	216.5	17.27	13.8	205.1	-1.95	0.00	999.00
3	19	8	75	6.5	223.3	16.93	17.49	14.47	11.2	204.8	17.22	15.7	206.5	-1.14	0.00	999.00
4	19	8	75	5.0	239.6	16.29	17.53	20.24	6.8	218.7	16.23	14.4	213.5	-0.58	0.00	999.00
5	19	8	75	4.4	234.8	15.96	17.78	19.66	6.1	226.7	15.66	13.7	225.0	-0.19	0.00	999.00
6	19	8	75	4.0	226.5	15.42	17.73	22.25	6.1	221.1	15.16	11.3	221.4	-0.25	0.00	999.00
7	19	8	75	5.4	183.0	16.61	14.86	15.28	7.2	187.3	16.26	8.4	210.1	0.31	0.00	999.00
8	19	8	75	11.1	192.1	18.08	16.01	13.70	13.6	185.0	17.24	14.7	202.0	0.94	0.00	999.00
9	19	8	75	15.4	197.9	19.05	15.75	14.66	19.9	188.7	17.93	21.1	205.5	0.98	0.00	999.00
10	19	8	75	15.9	219.0	20.39	15.49	16.29	17.5	211.6	19.08	21.8	225.2	1.14	0.00	999.00
11	19	8	75	11.7	219.3	21.29	14.71	18.67	14.0	208.7	20.05	16.3	222.0	1.30	0.00	999.00
12	19	8	75	11.7	212.7	21.56	14.26	16.52	13.9	206.3	20.30	16.7	217.9	1.31	0.00	999.00
13	19	8	75	13.6	223.0	22.34	13.64	18.01	16.3	212.8	20.99	19.4	223.8	1.17	0.00	999.00
14	19	8	75	12.4	229.1	23.01	13.53	16.56	14.0	218.6	21.74	15.8	230.5	1.25	0.00	999.00
15	19	8	75	15.2	193.5	21.88	14.51	12.67	19.6	189.6	20.87	22.4	200.4	0.85	0.00	999.00
16	19	8	75	9.9	217.3	21.94	13.94	18.07	12.0	212.9	21.01	15.2	224.6	1.07	0.00	999.00
17	19	8	75	10.6	204.7	20.71	14.76	15.33	12.7	201.5	20.05	15.1	219.1	0.74	0.00	999.00
18	19	8	75	7.9	197.9	20.33	15.58	11.87	10.4	194.9	19.83	11.5	207.0	0.56	0.00	999.00
19	19	8	75	5.8	206.2	19.44	16.30	13.00	7.7	201.1	19.15	11.0	210.7	0.04	0.00	999.00
20	19	8	75	6.0	203.3	17.95	17.24	10.40	8.4	200.5	17.96	12.3	205.8	-0.48	0.00	999.00
21	19	8	75	5.2	246.9	17.50	17.47	14.32	7.1	218.1	17.41	10.8	208.7	-0.51	0.00	999.00
22	19	8	75	4.8	193.2	16.81	17.72	6.00	7.2	182.2	17.21	9.5	179.9	-0.99	0.00	999.00
23	19	8	75	7.8	264.7	16.40	18.54	4.86	8.4	270.7	16.57	7.3	274.6	-0.73	0.00	999.00

RIO BLANCO OIL SHALE PROJECT 60 METER TOWER

				10 - METER LEVEL					30 - METER LEVEL			60 - METER LEVEL				
HR	DY	MO	YR	WS10	WDR10	AT10	RH10	SG10	WS30	WDR30	AT30	WS60	WDR60	DT60	PREC	SI
0	20	8	75	7.5	278.0	15.38	19.71	3.86	8.8	281.4	15.33	9.4	275.0	-0.42	0.00	999.00
1	20	8	75	8.9	259.1	15.57	19.46	3.23	9.9	258.8	15.96	7.9	264.5	-0.99	0.00	999.00
2	20	8	75	3.1	189.2	15.73	19.81	12.35	2.9	324.3	15.65	1.7	134.4	-0.99	0.00	999.00
3	20	8	75	2.5	335.2	15.91	20.01	14.51	2.7	2.2	15.09	2.7	41.9	0.10	0.00	999.00
4	20	8	75	3.2	283.7	14.24	21.74	4.12	1.6	316.5	13.32	0.7	80.4	-0.30	0.00	999.00
5	20	8	75	2.0	212.1	14.41	22.06	7.48	1.6	220.4	13.30	0.6	174.8	-0.26	0.00	999.00
6	20	8	75	4.1	215.0	14.66	21.33	7.47	4.3	212.3	14.63	3.2	192.5	-0.25	0.00	999.00
7	20	8	75	5.2	240.4	15.52	20.33	3.56	5.6	222.8	15.31	5.0	219.4	0.03	0.00	999.00
8	20	8	75	3.4	180.8	16.27	18.83	8.50	3.8	170.9	15.80	3.8	174.6	0.52	0.00	999.00
9	20	8	75	3.2	166.9	17.63	16.98	13.25	3.2	175.5	17.15	2.7	204.0	0.64	0.00	999.00
10	20	8	75	3.5	128.3	19.45	15.23	24.50	4.9	134.6	18.81	5.1	151.3	0.86	0.00	999.00
11	20	8	75	6.8	214.7	19.70	15.21	16.23	7.4	207.9	19.07	8.9	225.6	0.85	0.00	999.00
12	20	8	75	7.9	165.0	20.20	13.89	16.19	10.1	162.5	19.65	10.5	177.0	0.87	0.00	999.00
13	20	8	75	9.5	168.1	18.58	17.33	14.83	11.3	161.8	18.11	11.6	181.5	0.52	0.00	999.00
14	20	8	75	10.8	289.5	19.26	16.85	13.24	11.5	280.2	18.50	12.1	284.8	0.87	0.00	999.00
15	20	8	75	4.8	221.7	19.32	16.16	16.52	5.0	221.0	18.81	5.6	222.9	0.67	0.00	999.00
16	20	8	75	5.2	102.1	19.28	15.96	11.01	5.6	91.9	18.69	6.1	94.0	0.68	0.00	999.00
17	20	8	75	3.6	284.1	19.84	14.05	15.25	3.8	239.3	19.72	3.6	293.2	0.61	0.00	999.00
18	20	8	75	4.3	235.6	18.99	17.18	11.73	5.9	228.2	18.56	8.2	225.2	0.35	0.00	999.00
19	20	8	75	8.7	268.2	17.62	19.02	6.37	11.1	266.2	17.35	12.6	276.4	0.16	0.00	999.00
20	20	8	75	12.6	262.4	15.85	25.06	7.49	15.0	257.4	15.57	17.6	267.4	0.18	0.00	999.00
21	20	8	75	13.0	270.2	14.12	31.92	7.70	16.1	263.5	13.75	18.3	271.3	0.32	0.00	999.00
22	20	8	75	13.3	275.0	12.33	47.02	7.81	16.1	267.4	12.40	17.7	278.1	0.36	0.00	999.00
23	20	8	75	10.1	283.4	12.72	48.53	6.16	11.9	274.1	12.38	13.5	283.0	0.32	0.00	999.00

RIO BLANCO OIL SHALE PROJECT 60 METER TOWER

				10 - METER LEVEL					30 - METER LEVEL			60 - METER LEVEL				
HR ++	DY ++	MO ++	YR ++	WS10	WDR10	AT10	RH10	SG10	WS30	WDR30	AT30	WS60	WDR60	DT60	PREC	SI
0	21	8	75	6.6	266.6	11.78	70.19	7.57	9.3	269.9	11.95	10.6	283.5	-0.61	0.00	999.00
1	21	8	75	7.8	280.6	12.51	59.46	4.89	9.3	276.5	12.34	10.1	268.9	0.05	0.00	999.00
2	21	8	75	6.1	260.7	12.45	55.92	4.89	7.1	269.5	12.34	6.9	290.2	-0.25	0.00	999.00
3	21	8	75	2.5	202.1	11.82	58.49	6.26	3.3	172.0	11.57	3.1	176.1	-0.15	0.00	999.00
4	21	8	75	1.4	214.0	11.56	65.96	10.78	2.8	168.1	11.37	3.7	165.2	0.04	0.00	999.00
5	21	8	75	4.1	202.1	11.91	66.70	5.56	5.0	186.4	11.63	5.2	183.3	0.22	0.00	999.00
6	21	8	75	2.8	187.7	11.77	67.71	8.97	4.3	185.8	11.61	4.8	179.1	-0.03	0.00	999.00
7	21	8	75	1.4	214.2	12.19	64.86	17.52	2.5	197.6	11.78	4.0	188.6	0.34	0.00	999.00
8	21	8	75	2.7	168.6	13.22	45.73	10.52	2.7	160.2	12.81	2.8	167.4	0.59	0.00	999.00
9	21	8	75	7.2	174.8	15.58	27.33	8.95	8.4	169.8	14.68	8.2	181.5	0.90	0.00	999.00
10	21	8	75	9.9	177.9	17.54	23.78	13.76	12.5	176.9	16.17	13.2	190.4	1.37	0.00	999.00
11	21	8	75	10.3	236.5	18.54	20.22	14.41	11.8	230.4	17.21	12.5	236.4	1.36	0.00	999.00
12	21	8	75	11.2	263.5	19.03	18.29	12.20	12.6	255.0	17.63	13.9	258.5	1.28	0.00	999.00
13	21	8	75	9.8	199.4	18.73	18.85	14.56	11.9	195.9	17.94	13.2	219.0	0.89	0.00	999.00
14	21	8	75	9.6	218.9	17.15	22.03	14.73	11.8	202.9	16.53	15.5	217.2	0.77	0.00	999.00
15	21	8	75	7.3	221.6	16.31	24.70	15.70	8.4	208.7	15.66	10.4	218.6	0.83	0.00	999.00
16	21	8	75	8.3	181.5	16.96	22.15	13.89	10.5	177.1	16.34	11.0	186.6	0.90	0.00	999.00
17	21	8	75	8.5	189.7	17.61	20.36	12.51	10.8	189.3	16.81	11.6	200.5	0.97	0.00	999.00
18	21	8	75	7.6	215.8	17.39	18.58	16.23	10.2	209.4	16.89	13.5	219.8	0.65	0.00	999.00
19	21	8	75	3.2	251.1	15.77	23.31	22.96	4.6	228.5	15.31	8.8	227.9	0.20	0.00	999.00
20	21	8	75	3.5	268.3	14.38	34.66	21.63	4.5	251.1	14.04	5.9	262.5	-0.05	0.00	999.00
21	21	8	75	11.1	280.0	13.11	38.48	8.05	14.8	273.5	13.04	18.1	284.0	-0.17	0.00	999.00
22	21	8	75	13.4	290.0	12.44	39.75	6.74	18.1	282.4	12.44	22.6	290.9	-0.28	0.00	999.00
23	21	8	75	4.1	234.6	11.85	42.55	19.24	6.2	252.5	11.73	9.5	267.7	-0.42	0.00	999.00

RIO BLANCO OIL SHALE PROJECT 60 METER TOWER

HR	DY	MO	YR	10 - METER LEVEL WS10	WDR10	AT10	RH10	SG10	30 - METER LEVEL WS30	WDR30	AT30	60 - METER LEVEL WS60	WDR60	DT60	PREC	SI
0	22	8	75	1.9	252.4	11.40	51.32	17.73	2.8	170.2	11.44	3.0	170.5	-0.92	0.00	999.00
1	22	8	75	3.8	212.0	12.58	52.45	6.55	2.8	193.1	11.79	2.4	215.9	-0.58	0.00	999.00
2	22	8	75	4.0	200.4	12.54	44.42	6.14	4.1	194.1	12.89	4.7	179.3	-0.65	0.00	999.00
3	22	8	75	3.7	214.4	12.81	49.69	6.75	4.2	189.0	12.53	4.9	170.6	-0.02	0.00	999.00
4	22	8	75	4.2	231.5	13.33	61.89	6.70	4.4	232.7	12.82	4.7	242.5	0.27	0.00	999.00
5	22	8	75	4.4	241.2	12.63	69.19	4.67	5.0	235.7	12.24	6.0	232.7	0.27	0.00	999.00
6	22	8	75	4.6	271.8	11.07	72.46	13.07	6.3	263.2	11.22	6.8	242.1	-0.47	0.00	999.00
7	22	8	75	5.6	239.2	12.51	53.15	7.97	7.0	225.9	12.21	9.4	230.1	-0.03	0.00	999.00
8	22	8	75	7.6	193.5	15.61	33.16	14.66	10.3	186.7	14.83	11.3	204.3	0.88	0.00	999.00
9	22	8	75	9.1	193.7	17.20	25.92	18.88	10.5	187.6	16.28	10.7	210.7	0.90	0.00	999.00
10	22	8	75	11.6	254.0	17.30	25.08	12.17	13.0	241.9	16.55	14.8	239.5	0.76	0.00	999.00
11	22	8	75	10.3	233.8	18.85	19.59	17.03	12.8	225.1	17.88	16.0	228.5	1.02	0.00	999.00
12	22	8	75	18.1	313.1	15.46	30.15	9.63	20.3	306.2	14.46	21.6	310.4	0.83	0.00	999.00
13	22	8	75	15.2	289.1	17.17	24.92	10.37	17.1	282.6	15.88	17.7	289.2	1.07	0.00	999.00
14	22	8	75	11.6	249.0	15.47	27.68	11.87	13.3	240.5	15.26	16.0	246.9	0.50	0.00	999.00
15	22	8	75	12.7	192.4	17.81	18.55	13.80	16.6	184.6	16.96	19.4	206.3	0.76	0.00	0.67
16	22	8	75	9.4	221.1	20.35	14.50	17.90	10.3	208.2	19.47	12.8	220.9	1.01	0.00	0.81
17	22	8	75	8.3	245.9	19.59	16.45	11.75	9.6	229.6	19.07	11.1	238.7	0.59	0.00	0.40
18	22	8	75	6.2	245.4	18.96	17.36	13.08	6.9	225.4	18.58	10.4	227.0	0.33	0.00	0.15
19	22	8	75	8.1	204.0	17.65	18.96	12.65	10.3	211.5	17.42	15.2	218.6	0.10	0.00	0.06
20	22	8	75	4.4	235.6	16.26	23.42	18.82	8.2	208.3	16.16	13.5	208.6	-0.71	0.00	0.01
21	22	8	75	5.8	262.7	15.92	25.23	12.38	7.1	231.2	15.72	12.3	220.8	-0.71	0.00	0.01
22	22	8	75	6.1	270.1	15.30	25.47	11.71	7.2	240.0	15.50	13.1	223.8	-1.01	0.00	0.01
23	22	8	75	8.2	269.7	15.46	25.80	3.18	10.1	261.9	15.69	12.4	260.0	-0.71	0.00	0.01

				10 - METER LEVEL					30 - METER LEVEL			60 - METER LEVEL				
HR	DY	MO	YR	WS10	WDR10	AT10	RH10	SG10	WS30	WDR30	AT30	WS60	WDR60	DT60	PREC	SI
0	23	8	75	8.0	264.6	15.95	24.85	1.65	8.6	262.2	16.08	9.3	270.6	-0.29	0.00	0.01
1	23	8	75	7.2	260.8	16.21	23.87	1.87	8.3	259.7	16.44	8.6	263.3	-0.45	0.00	0.01
2	23	8	75	8.2	261.9	15.63	24.47	2.24	8.5	257.8	16.13	9.0	262.8	-0.67	0.00	0.01
3	23	8	75	7.3	270.3	15.11	25.41	2.55	9.0	262.1	15.26	11.1	259.1	-0.58	0.00	0.01
4	23	8	75	2.6	299.5	14.04	28.00	7.67	2.0	300.5	12.97	3.1	220.2	-0.03	0.00	0.01
5	23	8	75	2.7	59.7	13.58	33.03	14.49	2.5	21.9	12.07	3.7	239.4	-0.06	0.00	0.01
6	23	8	75	5.0	271.5	13.75	28.42	11.30	6.1	263.8	13.82	6.1	247.5	-0.08	0.00	0.03
7	23	8	75	4.9	195.0	16.30	17.97	23.10	6.9	197.9	15.87	9.5	219.8	0.60	0.00	0.24
8	23	8	75	7.3	206.6	18.03	19.47	17.78	9.5	201.9	17.31	11.1	219.8	0.97	0.00	0.43
9	23	8	75	9.1	252.9	19.70	17.34	16.29	10.5	228.4	18.78	12.1	237.4	1.09	0.00	0.78
10	23	8	75	14.3	259.7	20.15	17.27	11.15	15.5	253.8	19.15	15.7	249.8	0.35	0.00	0.99
11	23	8	75	15.4	250.3	21.66	18.19	15.34	17.6	237.9	20.46	18.3	241.4	1.11	0.00	1.10
12	23	8	75	15.2	266.2	17.37	23.09	8.87	17.2	259.3	17.34	18.7	265.5	0.05	0.00	0.68
13	23	8	75	12.3	280.3	17.22	25.88	9.05	15.6	269.2	17.10	18.1	270.4	-0.35	0.00	0.65
14	23	8	75	12.8	255.8	21.72	16.52	12.97	14.1	247.1	20.52	16.3	255.0	1.17	0.00	1.21
15	23	8	75	12.5	215.1	23.40	15.21	16.93	17.0	203.3	22.08	22.5	216.9	1.28	0.00	1.06
16	23	8	75	14.6	198.2	22.61	15.83	14.26	18.2	195.9	21.79	20.5	214.7	0.76	0.00	0.63
17	23	8	75	10.5	216.3	22.09	16.21	16.45	13.5	210.1	21.54	17.1	223.0	0.60	0.00	0.34
18	23	8	75	14.6	208.1	21.69	16.02	13.60	19.2	199.7	21.29	23.0	214.9	0.33	0.00	0.27
19	23	8	75	9.1	204.5	20.47	17.23	12.91	12.6	204.7	20.30	16.6	216.7	-0.07	0.00	0.09
20	23	8	75	5.5	216.6	19.07	18.57	16.32	8.7	209.5	18.97	14.2	215.0	-0.37	0.00	0.02
21	23	8	75	8.6	209.0	18.92	18.76	13.11	12.2	204.6	18.83	16.8	212.2	-0.23	0.00	0.01
22	23	8	75	7.0	225.1	18.48	18.91	18.87	10.1	210.0	18.25	16.6	219.6	-0.03	0.00	0.01
23	23	8	75	5.1	222.4	18.00	19.14	20.39	7.5	215.7	17.72	13.1	228.1	-0.11	0.00	0.01

RIO BLANCO OIL SHALE PROJECT 60 METER TOWER

				10 - METER LEVEL					30 - METER LEVEL			60 - METER LEVEL				
HR	DY	MO	YR	WS10	WDR10	AT10	RH10	SG10	WS30	WDR30	AT30	WS60	WDR60	DT60	PREC	SI
0	24	8	75	7.2	261.2	17.04	19.29	13.93	8.2	244.7	16.96	10.8	232.6	-0.28	0.00	0.01
1	24	8	75	4.7	247.5	15.59	20.36	15.82	6.0	216.3	15.36	12.5	219.8	-0.55	0.00	0.01
2	24	8	75	5.3	268.9	14.60	20.65	12.70	6.6	239.9	14.78	10.2	217.9	-0.84	0.00	0.01
3	24	8	75	6.6	255.8	15.37	20.07	11.83	7.5	232.5	15.21	12.7	224.7	-0.32	0.00	0.01
4	24	8	75	8.8	264.6	14.47	20.20	6.96	8.5	237.9	14.29	12.7	234.7	-0.24	0.00	0.01
5	24	8	75	7.4	246.0	15.67	19.72	6.40	9.7	241.7	15.73	12.2	252.6	-0.37	0.00	0.01
6	24	8	75	6.9	261.5	14.13	20.02	12.27	8.1	231.7	14.01	12.3	232.7	-0.09	0.00	0.03
7	24	8	75	5.4	213.0	15.84	17.78	18.57	7.3	207.5	15.37	9.7	221.7	0.34	0.00	0.24
8	24	8	75	7.1	246.0	18.34	17.97	15.83	8.4	231.8	17.56	9.6	231.5	0.94	0.00	0.53
9	24	8	75	17.1	263.8	18.63	17.83	9.19	19.5	255.7	17.43	21.9	262.4	1.08	0.00	0.82
10	24	8	75	17.0	286.2	18.86	17.87	10.52	18.9	278.3	17.50	20.0	285.4	1.15	0.00	1.07
11	24	8	75	17.4	284.8	19.28	17.67	9.55	19.5	272.5	17.80	21.2	280.7	1.16	0.00	1.26
12	24	8	75	19.5	270.7	20.10	17.26	10.64	22.3	266.4	18.47	23.5	272.9	1.29	0.00	1.35
13	24	8	75	21.5	284.9	20.37	17.27	9.24	23.6	278.2	18.57	25.3	284.3	1.44	0.00	1.37
14	24	8	75	19.4	277.0	20.89	16.85	10.33	21.9	269.6	19.26	24.3	279.3	1.36	0.00	1.30
15	24	8	75	21.5	296.2	20.59	17.15	8.98	24.3	287.9	19.04	26.7	293.9	1.18	0.00	1.14
16	24	8	75	19.6	289.5	20.55	16.82	9.85	23.3	281.3	19.26	24.9	285.5	1.20	0.00	0.94
17	24	8	75	15.2	285.7	19.91	16.67	9.55	18.2	278.9	19.09	19.6	284.6	0.87	0.00	0.67
18	24	8	75	18.1	296.1	18.41	17.46	8.16	21.2	286.1	18.04	23.6	292.4	0.53	0.00	0.38
19	24	8	75	15.5	289.9	16.56	18.79	7.00	19.6	285.3	16.52	22.9	291.8	-0.05	0.00	0.11
20	24	8	75	12.5	297.8	14.81	19.69	7.38	16.3	291.6	14.90	19.4	299.6	-0.23	0.00	0.02
21	24	8	75	8.0	309.1	13.27	20.35	6.82	11.1	300.5	13.43	14.0	309.0	-0.54	0.00	0.01
22	24	8	75	2.0	48.1	11.90	21.80	14.78	2.8	9.2	11.32	3.2	352.6	-0.31	0.00	0.00
23	24	8	75	5.9	320.4	11.12	21.29	13.50	7.3	333.2	11.41	8.7	355.4	-1.00	0.00	0.00

RIO BLANCO OIL SHALE PROJECT   60 METER TOWER

				10 - METER LEVEL					30 - METER LEVEL			60 - METER LEVEL				
HR	DY	MO	YR	WS10	WDR10	AT10	RH10	SG10	WS30	WDR30	AT30	WS60	WDR60	DT60	PREC	SI
0	25	8	75	5.3	301.1	9.00	22.31	15.69	6.1	327.7	8.99	10.2	5.4	-0.30	0.00	0.00
1	25	8	75	5.4	299.4	8.76	22.87	9.80	5.4	315.9	8.56	6.0	353.5	-0.18	0.00	0.00
2	25	8	75	6.3	299.4	8.34	23.07	5.65	6.0	313.9	8.31	6.1	342.5	-0.32	0.00	0.00
3	25	8	75	2.8	230.8	8.80	23.35	6.32	2.3	251.8	7.74	1.4	255.7	-0.18	0.00	0.00
4	25	8	75	5.6	229.1	8.84	23.36	6.06	5.6	201.4	8.76	5.6	185.2	-0.15	0.00	0.00
5	25	8	75	5.9	241.9	9.52	22.81	3.70	5.1	223.4	9.33	4.1	204.6	-0.17	0.00	0.00
6	25	8	75	4.4	253.6	9.98	22.29	2.90	3.3	242.4	9.51	2.2	236.9	0.07	0.00	0.03
7	25	8	75	1.8	172.9	11.02	17.85	18.89	2.2	204.6	11.26	2.9	218.6	0.40	0.00	0.24
8	25	8	75	6.9	240.3	13.56	19.96	15.75	7.7	231.9	12.80	9.0	241.3	1.00	0.00	0.54
9	25	8	75	11.5	261.6	14.24	19.88	8.94	12.5	247.8	13.26	13.8	251.9	0.99	0.00	0.83
10	25	8	75	10.1	284.0	15.99	19.36	12.16	11.0	274.8	14.72	11.6	273.7	1.12	0.00	1.06
11	25	8	75	8.8	241.9	17.83	18.30	19.30	10.0	234.9	16.61	11.5	240.2	1.39	0.00	1.27
12	25	8	75	12.8	273.5	18.26	18.03	13.12	14.5	263.8	16.88	15.1	270.1	1.26	0.00	1.36
13	25	8	75	10.1	289.7	18.95	17.30	15.33	11.4	276.3	17.64	11.5	285.5	1.25	0.00	1.38
14	25	8	75	11.1	262.2	19.65	17.25	12.37	12.7	253.4	18.39	14.0	263.3	1.23	0.00	1.31
15	25	8	75	9.6	287.8	20.75	16.63	17.96	10.6	283.5	19.49	11.2	238.9	1.24	0.00	1.16
16	25	8	75	12.9	280.2	21.17	16.68	11.43	13.4	273.6	20.09	14.8	277.7	1.12	0.00	0.94
17	25	8	75	8.3	238.1	21.37	16.33	12.77	9.1	280.9	20.53	9.6	236.2	1.05	0.00	0.67
18	25	8	75	8.6	299.4	20.62	16.81	8.22	10.0	289.1	20.26	11.0	296.9	0.59	0.00	0.38
19	25	8	75	8.0	292.1	17.64	18.81	4.36	10.1	306.0	18.39	11.8	317.6	-1.09	0.00	0.10
20	25	8	75	11.6	236.5	16.60	19.75	4.41	14.3	293.1	17.92	15.1	304.2	-2.15	0.00	0.02
21	25	8	75	6.4	262.5	16.58	19.84	6.36	8.7	270.3	16.99	11.1	292.6	-1.07	0.00	0.01
22	25	8	75	9.2	260.9	17.07	19.19	5.86	11.7	261.2	17.48	13.4	275.2	-0.62	0.00	0.00
23	25	8	75	8.7	255.0	16.81	19.07	1.59	8.9	249.5	16.83	9.4	261.8	-0.13	0.00	0.00

RIO BLANCO OIL SHALE PROJECT 60 METER TOWER

				10 - METER LEVEL					30 - METER LEVEL			60 - METER LEVEL				
HR	DY	MO	YR	WS10	WDR10	AT10	RH10	SG10	WS30	WDR30	AT30	WS60	WDR60	DT60	PREC	SI
0	26	8	75	7.8	259.6	16.38	19.34	3.56	8.7	265.8	16.74	9.2	279.7	-0.51	0.00	0.00
1	26	8	75	6.2	245.1	16.75	19.88	1.77	5.8	235.5	16.45	5.7	245.7	0.15	0.00	0.00
2	26	8	75	5.5	244.7	17.10	20.83	1.49	4.8	238.3	16.67	4.2	247.6	0.17	0.00	0.00
3	26	8	75	2.2	316.8	13.93	22.05	16.91	2.4	307.6	13.39	2.5	290.9	-1.63	0.00	0.00
4	26	8	75	4.1	190.0	13.21	23.27	7.63	3.6	170.2	13.37	3.0	141.2	-1.51	0.00	0.00
5	26	8	75	5.1	287.1	13.85	22.18	3.60	4.0	291.3	13.69	2.6	279.9	-0.43	0.00	0.00
6	26	8	75	2.5	267.0	14.49	21.84	13.73	2.6	304.4	14.31	1.6	307.2	-0.61	0.00	0.03
7	26	8	75	1.1	11.0	14.94	17.42	16.70	0.8	341.8	15.77	1.3	135.5	-0.24	0.00	0.23
8	26	8	75	2.2	58.1	17.26	17.91	22.94	2.6	50.8	17.48	2.8	86.2	0.70	0.00	0.51
9	26	8	75	6.4	101.9	19.15	17.11	10.52	7.0	98.2	18.42	6.5	116.4	0.71	0.00	0.80
10	26	8	75	6.7	268.5	21.94	16.29	20.99	7.6	257.1	20.96	8.0	250.5	1.09	0.00	1.05
11	26	8	75	10.2	279.7	22.74	15.92	13.75	11.6	270.7	21.59	12.2	272.9	1.00	0.00	1.23
12	26	8	75	7.8	171.3	23.39	15.08	16.44	9.1	165.6	22.35	9.2	181.5	0.90	0.00	1.25
13	26	8	75	10.4	186.2	24.20	14.51	14.56	11.8	176.5	22.81	12.6	197.2	1.22	0.00	1.36
14	26	8	75	8.4	197.1	24.46	14.16	18.83	9.6	186.9	23.20	10.8	198.5	1.16	0.00	1.30
15	26	8	75	12.1	174.6	24.61	999.00	13.12	15.1	165.5	999.00	15.0	173.4	0.89	0.00	999.00
16	26	8	75	9.9	198.9	25.11	13.57	15.58	12.5	190.0	23.70	13.7	195.6	1.17	0.00	0.98
17	26	8	75	8.9	214.6	24.57	13.87	13.02	11.2	202.2	23.81	12.2	211.4	0.85	0.00	0.67
18	26	8	75	8.3	202.7	23.54	14.35	11.98	11.2	194.9	23.24	13.7	208.9	0.27	0.00	0.36
19	26	8	75	6.0	253.8	21.23	16.69	14.40	7.8	223.9	21.12	13.4	215.8	-1.08	0.00	0.09
20	26	8	75	10.8	251.6	21.05	16.98	3.32	11.5	230.5	21.84	12.7	233.5	-1.45	0.00	0.02
21	26	8	75	11.7	253.3	20.98	16.91	1.96	11.7	232.6	22.13	12.0	237.7	-1.55	0.00	0.01
22	26	8	75	8.0	234.9	20.06	17.02	11.19	11.5	207.9	20.43	16.0	209.4	-1.65	0.00	0.01
23	26	8	75	7.0	246.7	18.62	17.83	11.08	9.4	219.4	19.22	12.6	201.2	-2.04	0.00	0.01

RIO BLANCO OIL SHALE PROJECT 60 METER TOWER

HR ++	DY ++	MO ++	YR ++	10 - METER LEVEL WS10	 WDR10	 AT10	 RH10	 SG10	30 - METER LEVEL WS30	 WDR30	 AT30	60 - METER LEVEL WS60	 WDR60	 DT60	PREC	SI
0	27	8	75	2.7	330.7	17.10	18.71	22.07	3.4	40.7	16.41	4.5	87.9	-0.97	0.00	0.01
1	27	8	75	4.0	277.0	17.53	18.64	4.67	2.0	246.8	16.58	4.1	140.4	-1.36	0.00	0.01
2	27	8	75	1.2	310.2	18.26	19.51	6.90	2.0	132.7	17.63	4.9	158.6	-0.66	0.00	0.01
3	27	8	75	3.2	300.5	16.58	19.58	5.60	1.6	333.4	15.22	2.3	112.5	-0.79	0.00	0.01
4	27	8	75	5.5	295.3	16.36	19.52	3.67	4.9	307.3	16.36	3.4	305.3	-0.71	0.00	0.01
5	27	8	75	1.7	145.4	16.67	19.63	10.27	1.1	312.5	15.30	0.9	148.4	-0.30	0.00	0.01
6	27	8	75	3.9	166.2	18.14	18.94	9.42	3.7	149.6	17.78	4.1	153.6	-0.28	0.00	0.03
7	27	8	75	3.0	276.9	15.99	19.35	4.84	2.2	275.5	15.52	1.7	136.6	-0.09	0.00	0.10
8	27	8	75	3.7	44.5	17.44	18.38	10.91	3.4	39.9	17.16	3.2	67.6	0.60	0.00	0.39
9	27	8	75	6.3	128.2	21.60	16.34	12.09	6.9	120.3	20.95	7.1	134.9	0.81	0.00	0.74
10	27	8	75	13.3	206.3	21.83	17.00	13.57	16.5	199.5	20.76	18.7	214.0	1.02	0.00	0.74
11	27	8	75	14.5	206.9	21.47	16.78	13.96	17.9	192.7	20.54	21.5	211.4	0.89	0.00	0.66
12	27	8	75	13.1	258.0	20.25	17.58	8.92	15.0	248.1	19.54	16.3	257.0	0.74	0.00	0.44
13	27	8	75	11.3	271.6	18.65	18.63	10.13	13.5	267.5	18.06	15.0	272.2	0.65	0.00	0.28
14	27	8	75	18.0	182.8	19.24	18.33	10.81	23.0	173.3	18.38	22.8	165.0	0.67	0.00	0.37
15	27	8	75	14.2	175.1	17.85	17.66	12.57	16.3	165.7	18.59	17.0	166.9	1.09	0.00	0.99
16	27	8	75	17.3	168.9	19.62	18.00	10.16	20.1	157.8	18.35	20.6	161.5	1.24	0.00	0.86
17	27	8	75	11.9	181.8	18.83	18.76	10.49	15.0	170.6	18.30	15.2	180.0	0.57	0.00	0.32
18	27	8	75	15.7	277.3	16.36	19.27	10.57	18.2	270.8	15.82	20.6	277.1	0.57	0.00	0.16
19	27	8	75	7.3	264.6	13.94	24.98	5.35	8.7	259.8	13.77	9.5	269.0	0.10	0.00	0.07
20	27	8	75	5.6	204.1	12.73	27.24	7.63	7.5	200.3	13.02	10.8	202.2	-1.12	0.00	0.02
21	27	8	75	5.4	101.6	12.88	28.16	9.06	7.3	101.7	12.66	9.3	122.0	0.07	0.00	0.01
22	27	8	75	2.9	286.4	12.49	29.14	5.21	3.7	264.7	11.91	3.0	261.9	-0.13	0.00	0.01
23	27	8	75	2.3	251.8	12.80	30.47	7.64	2.1	214.0	11.74	2.8	175.3	0.06	0.00	0.01

```
                                            RIO BLANCO OIL SHALE PROJECT   60 METER TOWER

                         10 - METER LEVEL                      30 - METER LEVEL                60 - METER LEVEL
HR DY MO YR     WS10  WDR10    AT10     RH10     SG10       WS30  WDR30    AT30       WS60  WDR60    DT60     PREC     SI
++ ++ ++ ++   +-----------------------------------------+  +--------------------+  +---------------------+  +------------+

 0 28  8 75     7.8  264.9   13.62    27.89     4.15        6.4  266.5   13.74        5.9  278.6   -0.40     0.00     0.01
 1 28  8 75     3.6  185.8   12.40    36.50     9.39        5.3  174.2   12.50        7.1  162.9   -0.62     0.00     0.01
 2 28  8 75     3.7  269.4   11.66    37.59     9.60        3.6  307.3   11.45        3.8  157.9   -0.45     0.00     0.01
 3 28  8 75     2.1  357.2   11.76    41.94    26.15        3.2   39.9   10.73        3.3   83.6   -0.45     0.00     0.01
 4 28  8 75     2.7  324.2   10.48    44.30    17.79        3.1   14.8    9.80        4.9   41.1   -0.35     0.00     0.01
 5 28  8 75     3.3  272.3   10.98    45.25     8.17        3.1  299.2   10.64        2.3  309.1   -0.19     0.00     0.01
 6 28  8 75     3.5  253.9   11.62    44.26    16.23        3.8  218.8   11.42        5.6  165.1   -1.25     0.00     0.02
 7 28  8 75    11.4  192.6   14.73    26.33    13.58       15.1  184.0   14.41       17.5  196.2    0.21     0.00     0.19
 8 28  8 75    11.7  188.5   16.70    22.88    12.30       14.9  175.7   15.87       15.1  191.5    0.76   999.00     0.46
 9 28  8 75   999.0  999.0  999.00   999.00   999.00      999.0  999.0  999.00      999.0  999.0  999.00     0.00   999.00
10 28  8 75   999.0  999.0  999.00   999.00   999.00      999.0  999.0  999.00      999.0  999.0  999.00     0.00   999.00
11 28  8 75   999.0  999.0  999.00   999.00   999.00      999.0  999.0  999.00      999.0  999.0  999.00     0.00   999.00
12 28  8 75   999.0  999.0  999.00   999.00   999.00      999.0  999.0  999.00      999.0  999.0  999.00     0.00   999.00
13 28  8 75   999.0  999.0  999.00   999.00   999.00      999.0  999.0  999.00      999.0  999.0  999.00     0.00   999.00
14 28  8 75   999.0  999.0  999.00   999.00   999.00      999.0  999.0  999.00      999.0  999.0  999.00     0.00   999.00
15 28  8 75   999.0  999.0  999.00   999.00   999.00      999.0  999.0  999.00      999.0  999.0  999.00     0.01   999.00
16 28  8 75   999.0  999.0  999.00   999.00   999.00      999.0  999.0  999.00      999.0  999.0  999.00   999.00   999.00
17 28  8 75   999.0  999.0   24.26    14.11   999.00       16.7  199.3   21.59       19.8  209.0    2.59     0.00     0.66
18 28  8 75   999.0  999.0   22.37    14.51   999.00       14.4  201.4   20.88       17.5  212.0    1.44     0.00     0.36
19 28  8 75   999.0  999.0   19.04    16.23   999.00        7.4  217.7   19.03       12.3  221.2   -0.37     0.00     0.09
20 28  8 75   999.0  999.0   16.41    17.08   999.00        8.4  220.9   17.75       14.4  214.7   -2.55     0.00     0.02
21 28  8 75   999.0  999.0   15.34    17.38   999.00        7.9  239.6   16.96       13.7  227.9   -2.58     0.00     0.01
22 28  8 75   999.0  999.0   15.49    17.19   999.00        8.6  236.4   17.06       14.9  228.2   -2.56     0.00     0.00
23 28  8 75   999.0  999.0   15.25    17.31   999.00       12.1  255.6   16.88       15.0  248.2   -2.34     0.00     0.00
```

RIO BLANCO OIL SHALE PROJECT 60 METER TOWER

				10 - METER LEVEL					30 - METER LEVEL			60 - METER LEVEL				
HR	DY	MO	YR	WS10	WDR10	AT10	RH10	SG10	WS30	WDR30	AT30	WS60	WDR60	DT60	PREC	SI
0	29	8	75	999.0	999.0	15.99	16.91	999.00	11.8	261.1	18.21	11.9	269.6	-2.41	0.00	0.00
1	29	8	75	999.0	999.0	16.21	16.84	999.00	10.0	264.5	18.23	10.1	268.6	-2.22	0.00	0.00
2	29	8	75	999.0	999.0	15.73	17.24	999.00	10.8	233.3	17.48	13.0	228.5	-2.78	0.00	0.00
3	29	8	75	999.0	999.0	12.57	18.71	999.00	2.8	5.8	13.62	2.3	69.6	-2.28	0.00	0.00
4	29	8	75	999.0	999.0	11.75	18.55	999.00	4.0	313.0	13.65	2.7	350.1	-2.66	0.00	0.00
5	29	8	75	999.0	999.0	11.30	18.72	999.00	1.7	308.9	12.63	2.7	56.4	-3.03	0.00	0.00
6	29	8	75	999.0	999.0	10.86	19.10	999.00	2.6	310.5	13.57	3.1	314.5	-3.51	0.00	0.02
7	29	8	75	999.0	999.0	14.50	16.91	999.00	1.9	316.4	14.76	1.5	334.5	-3.34	0.00	0.22
8	29	8	75	999.0	999.0	18.88	16.02	999.00	4.1	65.3	16.54	3.8	83.4	2.81	0.00	0.52
9	29	8	75	999.0	999.0	21.51	15.94	999.00	10.6	251.6	17.87	10.6	251.3	3.65	0.00	0.81
10	29	8	75	999.0	999.0	22.82	15.82	999.00	12.0	246.8	18.74	13.3	248.3	4.12	0.00	1.07
11	29	8	75	999.0	999.0	24.81	14.78	999.00	13.0	213.0	20.38	13.9	222.7	4.35	0.00	1.25
12	29	8	75	999.0	999.0	25.32	14.25	999.00	14.9	195.5	20.47	15.7	213.6	4.68	0.00	1.35
13	29	8	75	999.0	999.0	25.64	13.83	999.00	12.7	180.2	20.75	13.1	193.8	4.70	0.00	1.37
14	29	8	75	999.0	999.0	26.55	13.45	999.00	11.2	208.5	21.79	12.2	216.2	4.74	0.00	1.30
15	29	8	75	999.0	999.0	26.59	13.70	999.00	9.0	237.2	21.93	9.4	243.8	4.62	0.00	1.14
16	29	8	75	999.0	999.0	26.29	13.90	999.00	11.7	267.0	22.26	12.8	268.8	4.12	0.00	0.92
17	29	8	75	999.0	999.0	25.17	999.00	999.00	9.8	194.9	22.15	10.1	208.8	3.15	0.00	0.65
18	29	8	75	4.1	229.8	23.09	999.00	14.10	5.5	216.5	21.79	7.1	225.1	1.45	0.00	0.35
19	29	8	75	9.3	262.1	19.28	16.19	6.30	10.4	235.2	19.65	14.3	228.6	-1.30	0.00	0.09
20	29	8	75	9.5	263.6	17.17	16.62	3.38	10.5	245.1	19.10	11.9	231.1	-2.74	0.00	0.02
21	29	8	75	10.7	250.8	17.65	16.29	2.91	10.6	235.0	19.35	11.4	223.7	-2.42	0.00	0.01
22	29	8	75	11.2	256.2	18.33	16.02	1.59	11.1	246.7	20.21	10.5	247.6	-2.19	0.00	0.01
23	29	8	75	12.7	252.2	17.73	16.30	1.84	12.9	237.3	19.81	12.7	245.3	-2.62	0.00	0.01

RIO BLANCO OIL SHALE PROJECT 60 METER TOWER

HR	DY	MO	YR	10 - METER LEVEL					30 - METER LEVEL			60 - METER LEVEL				
				WS10	WDR10	AT10	RH10	SG10	WS30	WDR30	AT30	WS60	WDR60	DT60	PREC	SI
0	30	8	75	11.9	254.0	17.11	16.59	3.60	14.4	248.4	18.98	16.0	255.3	-2.76	0.00	0.00
1	30	8	75	2.1	301.7	14.18	18.28	28.32	2.9	351.4	15.07	3.4	359.6	-2.58	0.00	0.00
2	30	8	75	3.0	182.8	13.22	18.30	13.98	3.3	142.9	15.29	3.6	127.8	-2.90	0.00	0.00
3	30	8	75	4.9	295.0	12.62	18.19	6.77	4.1	306.4	14.70	2.7	4.0	-3.25	0.00	0.01
4	30	8	75	1.8	279.0	12.87	18.19	14.86	1.7	3.8	13.81	2.9	45.5	-2.72	0.00	0.00
5	30	8	75	0.7	111.3	11.38	19.25	4.33	1.1	359.7	12.80	1.6	41.1	-3.81	0.00	0.01
6	30	8	75	2.2	206.5	11.13	18.81	5.54	1.9	226.0	14.50	1.0	270.3	-4.69	0.00	0.02
7	30	8	75	2.3	196.6	16.25	16.69	14.17	2.0	215.3	16.68	1.7	178.7	-0.10	0.00	0.22
8	30	8	75	3.8	78.1	20.22	15.92	10.88	3.6	62.7	17.52	3.2	100.4	3.23	0.00	0.50
9	30	8	75	4.6	82.6	22.29	15.51	13.30	4.8	68.3	18.19	5.4	99.9	4.34	0.00	0.80
10	30	8	75	6.8	55.9	24.18	14.83	11.70	6.6	50.2	20.17	7.1	66.5	3.96	0.00	1.05
11	30	8	75	8.9	174.7	25.74	14.04	14.77	9.2	170.8	21.36	9.4	191.0	4.21	0.00	1.23
12	30	8	75	10.5	201.7	27.32	13.29	21.45	0.6	205.5	-26.60	14.1	204.5	4.53	0.00	1.32
13	30	8	75	12.6	198.0	29.33	12.99	16.41	0.6	201.1	-27.10	11.4	231.6	0.60	0.00	1.37
14	30	8	75	10.6	215.9	28.90	12.70	15.89	10.7	215.1	-27.10	13.7	224.0	0.82	0.00	1.29
15	30	8	75	11.5	195.2	30.07	13.20	17.00	14.5	188.7	-27.10	16.3	195.8	0.45	0.00	1.16
16	30	8	75	11.8	208.2	3.75	13.09	15.95	14.2	206.7	23.62	16.1	218.2	0.34	0.00	0.93
17	30	8	75	11.8	197.7	1.40	13.39	13.36	14.4	198.7	23.97	16.1	207.0	-0.15	0.00	0.75
18	30	8	75	11.6	200.5	24.31	13.85	11.22	13.2	203.2	5.16	16.1	213.9	-0.91	0.00	0.41
19	30	8	75	4.7	248.7	18.45	15.99	17.25	5.8	225.9	-26.70	11.7	223.9	-2.30	0.00	0.10
20	30	8	75	7.8	252.5	18.44	16.53	8.31	8.6	228.2	19.53	11.1	216.2	-2.62	0.00	0.02
21	30	8	75	7.6	250.9	19.58	16.29	6.43	7.9	225.2	19.74	9.6	215.3	-1.37	0.00	0.01
22	30	8	75	7.4	242.1	18.84	16.57	7.88	9.5	215.4	19.65	11.8	212.6	-1.73	0.00	0.01
23	30	8	75	8.5	253.2	19.12	16.48	6.74	10.0	228.7	19.52	11.6	225.4	-1.25	0.00	0.01

RIO BLANCO OIL SHALE PROJECT 60 METER TOWER

				10 - METER LEVEL					30 - METER LEVEL			60 - METER LEVEL				
HR	DY	MO	YR	WS10	WDR10	AT10	RH10	SG10	WS30	WDR30	AT30	WS60	WDR60	DT60	PREC	SI
0	31	8	75	9.5	261.8	19.08	16.47	8.99	8.6	243.0	18.74	15.0	223.0	-1.03	0.00	0.00
1	31	8	75	6.7	249.2	17.97	16.87	15.68	7.6	226.4	17.66	16.8	221.0	-1.01	0.00	0.00
2	31	8	75	5.1	254.4	17.70	17.12	18.68	5.4	222.3	17.40	14.9	219.1	-0.83	0.00	0.00
3	31	8	75	5.6	226.1	17.78	17.35	20.54	8.4	212.4	17.64	14.9	217.5	-0.65	0.00	0.00
4	31	8	75	9.9	200.1	17.82	17.02	11.05	13.9	207.0	17.74	17.7	215.8	-0.34	0.00	0.01
5	31	8	75	7.9	201.1	17.51	17.23	10.50	10.4	210.0	17.44	16.4	218.5	-0.57	0.00	0.01
6	31	8	75	7.5	204.4	16.80	17.33	10.65	9.6	215.9	16.68	14.2	218.8	-0.64	0.00	0.02
7	31	8	75	8.6	186.4	18.71	16.10	12.70	9.9	195.2	18.26	13.4	213.4	0.20	0.00	0.22
8	31	8	75	11.7	194.3	20.47	15.31	13.93	13.5	193.6	19.55	13.4	217.0	0.68	0.00	0.52
9	31	8	75	10.6	200.8	22.30	14.65	17.63	12.9	199.0	20.98	14.1	223.2	1.14	0.00	0.81
10	31	8	75	12.9	233.9	23.55	14.19	17.37	14.5	224.1	22.17	16.7	233.6	1.14	0.00	1.06
11	31	8	75	16.0	200.4	24.07	13.86	16.05	19.0	198.9	22.36	22.4	216.1	1.34	0.00	1.25
12	31	8	75	19.0	192.2	24.28	13.76	13.98	24.6	196.1	22.32	27.2	207.4	1.19	0.00	1.34
13	31	8	75	19.7	195.6	24.62	13.44	14.96	23.5	200.5	22.78	27.1	210.4	1.03	0.00	1.36
14	31	8	75	13.3	221.0	25.46	12.78	18.58	16.2	223.0	23.86	20.9	228.4	1.48	0.00	1.27
15	31	8	75	11.7	213.0	25.55	12.71	17.39	13.8	211.5	24.17	17.8	220.7	1.18	0.00	1.14
16	31	8	75	10.1	198.8	25.16	12.95	13.83	17.9	197.7	23.91	21.2	210.0	0.90	0.00	0.91
17	31	8	75	5.0	200.7	24.70	12.88	13.96	15.2	199.1	23.83	18.8	210.0	0.64	0.00	0.64
18	31	8	75	6.4	198.2	23.69	13.51	10.38	13.5	198.8	23.32	16.0	210.3	0.14	0.00	0.34
19	31	8	75	5.0	263.9	21.21	15.56	15.37	5.9	235.7	21.02	12.4	228.1	-0.33	0.00	0.08
20	31	8	75	6.4	254.8	20.37	16.07	13.36	8.4	231.9	20.13	15.1	223.6	-1.03	0.00	0.02
21	31	8	75	9.1	264.0	19.61	16.24	10.06	9.0	237.8	19.47	15.6	226.0	-1.56	0.00	0.01
22	31	8	75	6.7	246.0	19.11	16.52	15.23	9.8	222.7	19.46	12.7	210.4	-1.87	0.00	0.01
23	31	8	75	8.0	253.7	18.84	16.55	14.08	8.8	227.7	18.87	14.7	226.0	-1.03	0.00	0.01

B.1.2

METEOROLOGICAL DATA FOR SITE 2
1 JUNE 1975 THROUGH 31 AUGUST 1975

WS10	Wind Speed at the 10-m level (mph)
WDR10	Wind Direction at the 10-m level (degrees)
AT10	Air Temperature at the 10-m level (degrees Celsius)
PREC	Precipitation at ground level (inches of H_2O)

```
 RIO BLANCO OIL SHALE PROJECT  SITE  TWO

              METEOROLOGICAL DATA
HR DY MO YR       WS10  WDR10    AT10      PREC
++ ++ ++ ++     +-------------------------------+

 0  1  6 75      3.4  284.9     8.74      0.00

 1  1  6 75      2.2  207.9     8.70      0.00

 2  1  6 75     11.0  255.5     8.57      0.00

 3  1  6 75      5.4  278.1     8.21      0.00

 4  1  6 75      5.5  267.0     8.15      0.00

 5  1  6 75      6.8   15.0     5.55      0.00

 6  1  6 75      3.5  305.0     5.83      0.00

 7  1  6 75      4.4  356.6     7.72      0.00

 8  1  6 75      4.7   41.6     8.61      0.00

 9  1  6 75      4.2   62.1    10.93      0.00

10  1  6 75      5.1  102.7    12.50      0.00

11  1  6 75      5.1   25.2    14.61      0.00

12  1  6 75      3.7  316.4    14.62      0.00

13  1  6 75      8.0  326.0    15.27      0.00

14  1  6 75      6.7   37.9    15.90      0.00

15  1  6 75      5.9   10.7    16.96      0.00

16  1  6 75      4.2   16.4    17.40      0.00

17  1  6 75      6.7  271.6    17.47      0.00

18  1  6 75      5.2  276.2    17.30      0.00

19  1  6 75      2.7  203.2    16.32      0.00

20  1  6 75      4.7  257.4    14.67      0.00

21  1  6 75      3.5  262.3    13.27      0.00

22  1  6 75      3.9  219.6    13.27      0.00

23  1  6 75      4.4  246.3    13.22      0.00
```

```
  RIO BLANCO OIL SHALE PROJECT  SITE  TWO

              METEOROLOGICAL  DATA
HR  DY  MO  YR     WS10  WDR10   AT10     PREC
++  ++  ++  ++    +-----------------------------+

  0   2   6  75     6.9  255.8   11.87     0.00

  1   2   6  75     4.8  259.7   11.59     0.00

  2   2   6  75     3.2   85.7   11.03     0.00

  3   2   6  75     1.8  356.6   11.03     0.00

  4   2   6  75     7.3  249.1   11.71     0.00

  5   2   6  75    10.9  250.3   11.91     0.00

  6   2   6  75     6.1  265.5   12.17     0.00

  7   2   6  75     8.1  231.7   15.56     0.00

  8   2   6  75     6.1  232.8   16.85     0.00

  9   2   6  75     8.3  239.6   17.37     0.00

 10   2   6  75     9.6  246.2   18.47     0.00

 11   2   6  75    12.0  289.6   18.03     0.00

 12   2   6  75     6.3  267.4   19.43     0.00

 13   2   6  75    13.1  222.0   19.68     0.00

 14   2   6  75     5.9  151.8   19.46     0.00

 15   2   6  75    13.5  257.0   20.62     0.00

 16   2   6  75    14.7  284.5   18.27     0.00

 17   2   6  75     7.1  298.9   19.20     0.00

 18   2   6  75     5.4  357.4   17.70     0.00

 19   2   6  75     6.8   31.2   13.91     0.00

 20   2   6  75     5.1  268.6   13.44     0.00

 21   2   6  75     8.4  167.1   12.99     0.00

 22   2   6  75     1.8  256.7   12.62     0.00

 23   2   6  75     4.3  319.1   11.84     0.00
```

```
RIO BLANCO OIL SHALE PROJECT  SITE  TWO

               METEOROLOGICAL  DATA
HR DY MO YR     WS10  WDR10   AT10    PREC
++ ++ ++ ++    +------------------------------+

 0  3  6 75      4.3  350.4   11.56    0.00

 1  3  6 75      4.6  294.4   10.41    0.00

 2  3  6 75      3.2  282.2    9.75    0.00

 3  3  6 75      2.6  177.8   10.94    0.00

 4  3  6 75      2.8  353.9   10.27    0.00

 5  3  6 75      1.2  290.5    9.43    0.00

 6  3  6 75      2.1  195.4   11.02    0.00

 7  3  6 75     10.1  207.6   15.27    0.00

 8  3  6 75     14.7  218.6   16.49    0.00

 9  3  6 75     18.6  223.3   17.27    0.00

10  3  6 75     17.7  212.2   17.60    0.00

11  3  6 75     21.1  216.5   18.29    0.00

12  3  6 75     26.2  217.1   18.88    0.00

13  3  6 75     22.5  212.0   19.56    0.00

14  3  6 75     19.6  214.8   19.21    0.00

15  3  6 75     22.3  218.7   19.34    0.00

16  3  6 75     23.4  249.1   18.12    0.00

17  3  6 75     21.8  299.2   15.10    0.00

18  3  6 75     11.8   24.2   12.94    0.00

19  3  6 75      8.5   42.3    9.90    0.00

20  3  6 75      7.2   20.9    8.54    0.00

21  3  6 75      4.2  326.6    6.19    0.01

22  3  6 75      6.5  324.2    6.29    0.00

23  3  6 75      4.1  158.7    5.99    0.00
```

```
RIO BLANCO OIL SHALE PROJECT  SITE  TWO

               METEOROLOGICAL  DATA
HR DY MO YR      WS10  WDR10    AT10     PREC
++ ++ ++ ++    +-------------------------------+

 0  4  6 75      4.1  251.6     6.17     0.00

 1  4  6 75      2.5  140.9     5.76     0.00

 2  4  6 75      5.0    0.9     5.73     0.00

 3  4  6 75      5.7  239.8     5.26     0.00

 4  4  6 75      5.3  261.9     5.23     0.00

 5  4  6 75      4.1  299.0     5.77     0.00

 6  4  6 75      5.5  305.2     6.22     0.00

 7  4  6 75      6.0  329.8     7.31     0.00

 8  4  6 75      7.7    1.2     8.75     0.00

 9  4  6 75      7.0   62.9     9.75     0.00

10  4  6 75      2.5  126.3     9.72     0.00

11  4  6 75      4.9  351.8    11.52     0.00

12  4  6 75      7.6  231.2    12.34     0.00

13  4  6 75      7.7  251.7    13.66     0.00

14  4  6 75     12.4  283.2    13.93     0.00

15  4  6 75     12.3  281.8    14.75     0.00

16  4  6 75     13.5  291.9    15.15     0.00

17  4  6 75     13.4  295.9    14.49     0.00

18  4  6 75      8.6  291.3    15.10     0.00

19  4  6 75      5.8  325.5    14.72     0.00

20  4  6 75      3.9  269.4    12.32     0.00

21  4  6 75      3.4  262.8    11.80     0.00

22  4  6 75      4.0  271.6    11.37     0.00

23  4  6 75      4.4  257.3    11.36     0.00
```

```
 RIO BLANCO OIL SHALE PROJECT  SITE  TWO

             METEOROLOGICAL  DATA
HR DY MO YR      WS10  WDR10   AT10     PREC
++ ++ ++ ++     +--------------------------------+

 0  5  6 75       6.5   12.8    9.73     0.00

 1  5  6 75       2.8  275.5    8.78     0.00

 2  5  6 75       3.0  231.6    9.11     0.00

 3  5  6 75       3.0  190.5    9.25     0.00

 4  5  6 75       2.8  271.7    8.01     0.00

 5  5  6 75       1.9  236.0    8.66     0.00

 6  5  6 75       2.0  237.7    9.94     0.00

 7  5  6 75       4.2  112.1   11.49     0.00

 8  5  6 75       4.5  116.0   12.32     0.00

 9  5  6 75       4.1   70.4   13.51     0.00

10  5  6 75       5.1   48.2   14.73     0.00

11  5  6 75       5.4   42.4   16.64     0.00

12  5  6 75       8.2  285.3   18.23     0.00

13  5  6 75       8.6  255.1   18.83     0.00

14  5  6 75       9.7  303.5   19.54     0.00

15  5  6 75       7.5   59.8   19.39     0.00

16  5  6 75       5.9  294.0   21.11     0.00

17  5  6 75       6.7  304.9   21.28     0.00

18  5  6 75       6.1   52.3   20.27     0.00

19  5  6 75       5.7  225.0   19.47     0.00

20  5  6 75       4.0  321.3   16.30     0.00

21  5  6 75       4.3  192.9   16.44     0.00

22  5  6 75       5.3  202.8   16.81     0.00

23  5  6 75       4.6  274.1   15.43     0.00
```

```
 RIO BLANCO OIL SHALE PROJECT  SITE  TWO

               METEOROLOGICAL DATA
HR DY MO YR      WS10  WDR10   AT10     PREC
++ ++ ++ ++    +-------------------------------+

 0  6  6 75       6.3  261.3   14.45     0.00

 1  6  6 75      10.7  253.5   14.58     0.00

 2  6  6 75      10.7  257.2   14.03     0.00

 3  6  6 75       6.4  268.4   13.10     0.00

 4  6  6 75       4.7  283.3   13.48     0.00

 5  6  6 75       3.9  296.2   12.51     0.00

 6  6  6 75       4.3  214.3   13.60     0.00

 7  6  6 75       2.0  172.8   15.35     0.00

 8  6  6 75       4.5  143.9   16.42     0.00

 9  6  6 75       4.5  111.2   17.86     0.00

10  6  6 75     999.0  999.0   19.91     0.00

11  6  6 75     999.0  999.0   20.42     0.00

12  6  6 75     999.0  999.0   20.78     0.00

13  6  6 75     999.0  999.0   21.64     0.00

14  6  6 75     999.0  999.0   21.63     0.00

15  6  6 75     999.0  999.0   22.34     0.00

16  6  6 75     999.0  999.0   22.58     0.00

17  6  6 75     999.0  999.0   22.53     0.00

18  6  6 75     999.0  999.0   22.47     0.00

19  6  6 75     999.0  999.0   22.51     0.00

20  6  6 75       4.7  284.8   19.03     0.00

21  6  6 75       5.1  256.5   18.31     0.00

22  6  6 75       5.6  205.1   18.96     0.00

23  6  6 75       7.3  194.6   18.82     0.00
```

```
.RIO BLANCO OIL SHALE PROJECT  SITE  TWO

              METEOROLOGICAL DATA
HR DY MO YR     WS10  WDR10   AT10     PREC
++ ++ ++ ++    +-------------------------------+

 0  7  6 75      3.3  295.1   16.80     0.00

 1  7  6 75     18.6  261.6   17.22     0.00

 2  7  6 75     14.3  329.1   16.75     0.00

 3  7  6 75      9.1  250.1   16.68     0.00

 4  7  6 75      8.3  246.5   16.97     0.00

 5  7  6 75      6.0  290.8   14.60     0.00

 6  7  6 75      4.1  230.8   14.83     0.00

 7  7  6 75      9.6  268.3   15.23     0.00

 8  7  6 75     12.3  281.2   16.07     0.00

 9  7  6 75     11.0  290.0   15.71     0.00

10  7  6 75     10.8  276.4   16.20     0.00

11  7  6 75      9.7  330.1   16.95     0.00

12  7  6 75      8.6  304.2   14.16     0.00

13  7  6 75      4.8  106.7   14.84     0.00

14  7  6 75     20.4  285.1   16.06     0.00

15  7  6 75     10.8  288.7   15.41     0.00

16  7  6 75     10.5  286.5   16.46     0.00

17  7  6 75     11.1  155.6   12.95     0.00

18  7  6 75      6.1   41.5    8.62     0.00

19  7  6 75      7.4    0.4    7.32     0.00

20  7  6 75      4.3  133.2    7.26     0.00

21  7  6 75      1.1  123.6    7.30     0.00

22  7  6 75      4.7  191.6    7.46     0.00

23  7  6 75      5.8  265.8    8.16     0.00
```

```
RIO BLANCO OIL SHALE PROJECT  SITE  TWO

              METEOROLOGICAL  DATA
HR  DY  MO  YR     WS10  WDR10    AT10     PREC
++  ++  ++  ++    +-------------------------------+

 0   8   6  75     11.7  288.0     7.94     0.00

 1   8   6  75      8.5  291.7     7.79     0.00

 2   8   6  75      4.8  279.6     7.85     0.00

 3   8   6  75      3.1  291.5     7.46     0.00

 4   8   6  75      5.5  255.8     7.47     0.00

 5   8   6  75     12.8  264.3     7.34     0.00

 6   8   6  75      6.9  325.6     7.60     0.00

 7   8   6  75      6.0   14.8     8.37     0.00

 8   8   6  75      3.7  227.9     9.79     0.00

 9   8   6  75      4.1  147.1    11.62     0.00

10   8   6  75      6.8  279.3    12.40     0.00

11   8   6  75     10.2  288.2    11.27     0.00

12   8   6  75      7.9  239.9    10.94     0.00

13   8   6  75     10.7  250.2    11.69     0.00

14   8   6  75      9.7  281.5    10.57     0.00

15   8   6  75     14.6  306.1    11.16     0.01

16   8   6  75     10.8  253.2    11.37     0.00

17   8   6  75     10.2  258.7    11.62     0.00

18   8   6  75      8.6   38.5    11.07     0.00

19   8   6  75     11.9   23.2     7.71     0.00

20   8   6  75    999.0  999.0   999.00     0.00

21   8   6  75    999.0  999.0   999.00     0.00

22   8   6  75    999.0  999.0   999.00     0.00

23   8   6  75      7.1   64.7     8.83     0.00
```

```
 RIO BLANCO OIL SHALE PROJECT   SITE   TWO

               METEOROLOGICAL  DATA
HR  DY  MO  YR      WS10   WDR10    AT10     PREC
++  ++  ++  ++    +--------------------------------+

 0   9   6  75       5.7   320.4    5.77     0.00

 1   9   6  75       5.2   330.0    4.60     0.00

 2   9   6  75       4.9   328.1    3.68     0.00

 3   9   6  75       3.6   280.6    3.47     0.00

 4   9   6  75       3.3   281.7    3.20     0.00

 5   9   6  75       2.9   276.0    3.15     0.00

 6   9   6  75       4.9   359.5    2.20     0.00

 7   9   6  75       2.7   345.6    3.79     0.00

 8   9   6  75       6.4    45.4    4.94     0.00

 9   9   6  75       7.1    61.2    5.83     0.00

10   9   6  75       7.6    73.2    6.90     0.00

11   9   6  75       7.2    54.0    9.37     0.00

12   9   6  75       8.3    61.2   10.41     0.00

13   9   6  75       9.1    72.9   10.62     0.00

14   9   6  75      10.2    87.3   10.86     0.00

15   9   6  75       5.1   151.8    9.08     0.00

16   9   6  75      10.2   244.4    6.43     0.00

17   9   6  75      16.8   244.1    4.09     0.00

18   9   6  75       2.2   216.8    5.74     0.00

19   9   6  75       2.2   348.0    6.32     0.00

20   9   6  75       4.9   133.6    5.01     0.00

21   9   6  75       5.0   259.1    4.23     0.00

22   9   6  75       5.3   201.1    5.21     0.00

23   9   6  75       4.7   234.3    4.97     0.00
```

```
RIO BLANCO OIL SHALE PROJECT  SITE  TWO

                METEOROLOGICAL  DATA
HR DY MO YR      WS10  WDR10    AT10     PREC
++ ++ ++ ++     +------------------------------+

 0 10  6 75      5.5  265.7     4.05     0.00

 1 10  6 75      6.5  282.4     3.60     0.00

 2 10  6 75      3.9  299.9     3.19     0.00

 3 10  6 75      5.9  285.0     2.61     0.00

 4 10  6 75      2.7  350.3     2.35     0.00

 5 10  6 75      6.4  320.0     1.91     0.00

 6 10  6 75      3.5  305.2     1.94     0.01

 7 10  6 75      6.9   15.1     2.78     0.00

 8 10  6 75      7.1   27.2     3.62     0.00

 9 10  6 75      8.8  359.2     3.73     0.00

10 10  6 75     11.0   12.8     4.25     0.00

11 10  6 75     10.2   24.8     5.44     0.00

12 10  6 75     12.7   11.6     6.06     0.00

13 10  6 75     12.3  355.6     7.08     0.00

14 10  6 75     14.9   47.4     5.86     0.00

15 10  6 75      4.7   53.7     5.35     0.00

16 10  6 75      9.3   57.0     7.49     0.00

17 10  6 75     11.8   73.5     6.81     0.00

18 10  6 75      6.7   65.1     7.40     0.00

19 10  6 75      5.1   81.0     7.36     0.00

20 10  6 75      5.3   46.2 .   6.55     0.00

21 10  6 75      3.0  283.9     5.04     0.00

22 10  6 75      4.5  278.3     4.64     0.00

23 10  6 75      6.5  276.3     4.49     0.00
```

```
 RIO BLANCO OIL SHALE PROJECT  SITE  TWO

              METEOROLOGICAL  DATA
HR DY MO YR     WS10  WDR10    AT10     PREC
++ ++ ++ ++     +-------------------------------+

 0 11  6 75      7.3  262.1     5.52     0.00

 1 11  6 75      6.2  277.4     4.96     0.00

 2 11  6 75      7.3  270.9     5.01     0.00

 3 11  6 75      4.9  280.1     4.22     0.00

 4 11  6 75      3.6  266.1     4.48     0.00

 5 11  6 75      2.5  252.4     4.54     0.00

 6 11  6 75      2.0  244.3     6.26     0.00

 7 11  6 75      3.2  104.8     8.03     0.00

 8 11  6 75      4.3  111.2     9.81     0.00

 9 11  6 75      8.2  241.1    10.01     0.00

10 11  6 75      7.9  315.4     9.38     0.00

11 11  6 75      6.8  257.8    10.29     0.00

12 11  6 75      9.3  251.5    11.30     0.00

13 11  6 75      7.8  267.2    12.42     0.00

14 11  6 75     10.6  269.2    13.51     0.00

15 11  6 75     10.1  269.2    14.35     0.00

16 11  6 75     12.2  274.1    14.80     0.00

17 11  6 75     10.9  257.3    15.13     0.00

18 11  6 75      9.5  256.7    14.94     0.00

19 11  6 75      9.9  225.6    13.90     0.00

20 11  6 75      7.9  242.7    10.95     0.00

21 11  6 75      8.6  259.0    10.29     0.00

22 11  6 75      4.1  266.6    10.13     0.00

23 11  6 75      3.4  104.0    10.20     0.00
```

```
 RIO BLANCO OIL SHALE PROJECT  SITE  TWO

            METEOROLOGICAL DATA
HR DY MO YR     WS10  WDR10    AT10     PREC
++ ++ ++ ++    +-------------------------------+

 0 12  6 75      3.6  255.4    9.75     0.00

 1 12  6 75     11.2  264.5    9.93     0.00

 2 12  6 75     14.2  261.3   10.06     0.00

 3 12  6 75     12.6  261.8    9.93     0.00

 4 12  6 75      7.4  281.2   10.27     0.00

 5 12  6 75      4.5  195.8    9.49     0.00

 6 12  6 75      2.3  141.5   11.07     0.00

 7 12  6 75      4.1  137.8   12.76     0.00

 8 12  6 75      3.4  119.4   14.29     0.00

 9 12  6 75      5.5  272.9   16.30     0.00

10 12  6 75     10.4  242.1   16.97     0.00

11 12  6 75     11.5  289.4   17.71     0.00

12 12  6 75      9.1  299.9   18.25     0.00

13 12  6 75     11.5  270.0   19.16     0.00

14 12  6 75     15.8  211.2   18.33     0.00

15 12  6 75     11.8  229.0   17.76     0.00

16 12  6 75     15.4  249.6   17.68     0.00

17 12  6 75     13.5  245.9   17.76     0.00

18 12  6 75      8.2  237.6   16.46     0.00

19 12  6 75      6.6  239.6   16.95     0.00

20 12  6 75     12.6  228.5   16.17     0.00

21 12  6 75     11.6  237.3   15.34     0.00

22 12  6 75      8.9  240.7   15.36     0.00

23 12  6 75     10.6  246.4   14.07     0.00
```

```
RIO BLANCO OIL SHALE PROJECT  SITE  TWO

              METEOROLOGICAL  DATA
HR DY MO YR     WS10  WDR10    AT10     PREC
++ ++ ++ ++    +--------------------------------+

 0 13  6 75     10.0  256.8    13.75     0.00

 1 13  6 75     11.9  253.7    14.02     0.00

 2 13  6 75     12.2  252.6    13.37     0.00

 3 13  6 75     11.9  251.8    13.02     0.00

 4 13  6 75     11.0  258.1    12.50     0.00

 5 13  6 75     13.4  252.0    12.81     0.00

 6 13  6 75      9.7  252.0    13.99     0.00

 7 13  6 75     11.6  249.2    16.21     0.00

 8 13  6 75     10.4  265.7    17.57     0.00

 9 13  6 75     12.2  250.6    18.02     0.00

10 13  6 75     13.6  272.9    18.73     0.00

11 13  6 75     18.5  272.1    19.66     0.00

12 13  6 75     23.7  276.8    20.43     0.00

13 13  6 75     19.4  292.2    20.74     0.00

14 13  6 75     16.1  281.4    21.46     0.00

15 13  6 75     17.7  258.6    21.75     0.00

16 13  6 75     19.4  276.3    22.12     0.00

17 13  6 75     19.3  278.3    21.89     0.00

18 13  6 75     24.7  294.7    21.02     0.00

19 13  6 75     19.8  291.2    19.84     0.00

20 13  6 75     17.3  292.2    18.94     0.00

21 13  6 75     13.3  274.8    17.32     0.00

22 13  6 75     10.1  252.9    16.24     0.00

23 13  6 75     10.6  251.9    15.75     0.00
```

```
  RIO BLANCO OIL SHALE PROJECT  SITE  TWO

              METEOROLOGICAL DATA
 HR DY MO YR      WS10  WDR10    AT10     PREC
 ++ ++ ++ ++     +-------------------------------+

  0 14  6 75     11.0  229.7    15.57     0.00

  1 14  6 75     11.9  236.8    15.80     0.00

  2 14  6 75     13.4  264.8    16.39     0.00

  3 14  6 75     23.9  279.9    16.53     0.00

  4 14  6 75     23.2  293.3    15.65     0.00

  5 14  6 75     13.8  287.3    13.64     0.00

  6 14  6 75     10.7  298.6    13.01     0.00

  7 14  6 75     10.3  295.4    12.98     0.00

  8 14  6 75     17.9  326.2    14.95     0.00

  9 14  6 75     14.7  310.6    15.58     0.00

 10 14  6 75     13.4  306.1    16.24     0.00

 11 14  6 75     19.4  276.6    17.08     0.00

 12 14  6 75     19.1  291.9    18.03     0.00

 13 14  6 75     21.5  284.5    18.69     0.00

 14 14  6 75     19.5  280.4    19.18     0.00

 15 14  6 75     19.7  294.8    20.14     0.00

 16 14  6 75     17.6  298.9    20.92     0.00

 17 14  6 75     18.7  292.8    20.74     0.00

 18 14  6 75     17.2  292.4    19.84     0.00

 19 14  6 75     16.9  289.0    19.10     0.00

 20 14  6 75     17.4  294.9    18.05     0.00

 21 14  6 75     15.3  282.7    16.47     0.00

 22 14  6 75     10.6  277.4    15.08     0.00

 23 14  6 75     13.2  269.7    14.39     0.00
```

```
RIO BLANCO OIL SHALE PROJECT  SITE  TWO

              METEOROLOGICAL DATA
HR DY MO YR      WS10  WDR10    AT10      PREC
++ ++ ++ ++    +------------------------------+

 0 15  6 75      3.6  331.8    14.00      0.00

 1 15  6 75     12.6  256.6    14.14      0.00

 2 15  6 75     11.2  257.7    12.98      0.00

 3 15  6 75     11.0  266.7    13.43      0.00

 4 15  6 75      7.1  239.6    11.78      0.00

 5 15  6 75     14.2  266.6    12.68      0.00

 6 15  6 75      6.4  276.8    13.71      0.00

 7 15  6 75     19.5  276.5    14.85      0.00

 8 15  6 75     17.5  277.3    15.41      0.00

 9 15  6 75     16.2  247.6    16.00      0.00

10 15  6 75     11.4  261.3    17.23      0.00

11 15  6 75     12.3  260.3    17.75      0.00

12 15  6 75     13.8  261.9    18.99      0.00

13 15  6 75     21.0  280.0    19.37      0.00

14 15  6 75     23.4  292.4    20.82      0.00

15 15  6 75     19.7  275.8    21.17      0.00

16 15  6 75     20.1  281.9    21.57      0.00

17 15  6 75     20.6  283.0    21.26      0.00

18 15  6 75     22.0  300.0    20.94      0.00

19 15  6 75     21.2  296.3    20.97      0.00

20 15  6 75      9.4  264.0    18.21      0.00

21 15  6 75     10.2  251.8    17.43      0.00

22 15  6 75     10.8  238.3    17.05      0.00

23 15  6 75      9.6  242.3    16.55      0.00
```

```
RIO BLANCO OIL SHALE PROJECT  SITE  TWO

                METEOROLOGICAL  DATA
HR DY MO YR      WS10  WDR10    AT10     PREC
++ ++ ++ ++     +-------------------------------+

 0 16  6 75      9.2  258.3    15.74     0.00

 1 16  6 75      9.9  253.6    17.12     0.00

 2 16  6 75     11.2  257.1    14.98     0.00

 3 16  6 75     11.4  230.4    15.21     0.00

 4 16  6 75     14.6  266.9    14.96     0.00

 5 16  6 75     17.1  275.1    14.82     0.00

 6 16  6 75      9.0  244.3    13.61     0.00

 7 16  6 75      9.2  237.5    14.65     0.00

 8 16  6 75     10.4  258.3    15.64     0.00

 9 16  6 75     16.3  257.2    16.94     0.00

10 16  6 75     17.4  283.9    17.41     0.00

11 16  6 75     17.1  285.7    18.19     0.00

12 16  6 75     22.2  297.5    19.08     0.00

13 16  6 75     24.5  292.1    18.12     0.00

14 16  6 75     18.7  277.1    15.92     0.00

15 16  6 75     26.8  298.9    18.62     0.00

16 16  6 75     24.6  294.0    17.59     0.00

17 16  6 75     25.0  302.6    17.21     0.00

18 16  6 75     26.7  299.4    16.78     0.00

19 16  6 75     17.9  297.3    16.18     0.00

20 16  6 75      9.2  308.6    15.28     0.00

21 16  6 75      4.4  351.1    14.21     0.00

22 16  6 75      4.6   19.8    12.49     0.00

23 16  6 75      4.8  277.5    11.78     0.00
```

```
 RIO BLANCO OIL SHALE PROJECT  SITE  TWO

               METEOROLOGICAL DATA
HR DY MO YR     WS10  WDR10    AT10    PREC
++ ++ ++ ++    +-------------------------------+

 0 17  6 75      3.7  311.5   11.24    0.00

 1 17  6 75      3.0  263.0   10.99    0.00

 2 17  6 75      8.1  329.2   10.43    0.00

 3 17  6 75     14.7  254.9   14.26    0.00

 4 17  6 75     12.1  254.4   14.05    0.00

 5 17  6 75      4.4  201.6   13.03    0.00

 6 17  6 75      2.2  100.3   11.55    0.00

 7 17  6 75      1.7   11.9   12.21    0.00

 8 17  6 75      3.3   88.0   13.00    0.00

 9 17  6 75      2.7   41.8   13.61    0.00

10 17  6 75      4.2   40.2   13.24    0.00

11 17  6 75     10.6  241.2   15.74    0.00

12 17  6 75     10.9  253.5   17.00    0.00

13 17  6 75     18.7  226.9   18.09    0.00

14 17  6 75     23.0  204.5   18.83    0.00

15 17  6 75     22.3  207.8   19.18    0.00

16 17  6 75     21.2  229.7   19.25    0.00

17 17  6 75     13.9  250.2   18.52    0.00

18 17  6 75      7.9  296.6   16.12    0.00

19 17  6 75     14.4   15.0   13.76    0.00

20 17  6 75      7.1   83.6   12.81    0.00

21 17  6 75      5.9   24.6   12.41    0.00

22 17  6 75      9.2  150.7   13.50    0.00

23 17  6 75     17.5  229.5   15.92    0.00
```

```
RIO BLANCO OIL SHALE PROJECT  SITE  TWO

               METEOROLOGICAL  DATA
HR DY MO YR      WS10  WDR10    AT10     PREC
++ ++ ++ ++    +-------------------------------+

 0 18  6 75     11.6  353.7   10.87     0.00

 1 18  6 75     18.7  284.2    9.90     0.00

 2 18  6 75      5.8  156.9    8.75     0.00

 3 18  6 75      4.1  142.5    9.37     0.00

 4 18  6 75      6.9  103.0    8.63     0.00

 5 18  6 75      4.0  169.2    9.94     0.00

 6 18  6 75     10.8  184.7   11.74     0.00

 7 18  6 75     14.1  169.8   11.85     0.00

 8 18  6 75     14.1  171.4   12.26     0.00

 9 18  6 75     17.8  182.0   11.94     0.00

10 18  6 75     13.1  185.5    9.87     0.00

11 18  6 75     12.1  251.7    5.49     0.00

12 18  6 75     19.0  253.7    6.49     0.00

13 18  6 75     15.6  247.7    5.75     0.00

14 18  6 75      7.9  290.5    5.20     0.00

15 18  6 75     12.1  273.6    4.75     0.00

16 18  6 75     12.2  264.5    3.11     0.00

17 18  6 75      9.5  173.9    6.49     0.00

18 18  6 75     12.2  195.4    4.77     0.00

19 18  6 75      8.6  164.8    3.96     0.00

20 18  6 75     17.6  238.7    3.33     0.00

21 18  6 75     14.9  221.9    3.01     0.00

22 18  6 75      6.7  224.2    2.37     0.00

23 18  6 75      2.9   99.9    1.55     0.00
```

```
 RIO BLANCO OIL SHALE PROJECT  SITE  TWO

               METEOROLOGICAL DATA
HR DY MO YR      WS10  WDR10    AT10     PREC
++ ++ ++ ++    +--------------------------------+

 0 19  6 75       3.7  100.0    2.70     0.00

 1 19  6 75       7.8  114.9    1.89     0.00

 2 19  6 75       4.7  144.5    1.89     0.00

 3 19  6 75       3.1  127.5    1.47     0.00

 4 19  6 75       4.9  107.2    2.11     0.00

 5 19  6 75       6.4  153.7    3.09     0.00

 6 19  6 75      12.2  164.4    4.31     0.00

 7 19  6 75      13.9  179.9    6.19     0.00

 8 19  6 75      19.0  186.5    8.20     0.00

 9 19  6 75      24.3  202.1    9.41     0.00

10 19  6 75      22.9  202.8    9.84     0.00

11 19  6 75      25.6  198.8   11.24     0.00

12 19  6 75      13.7  268.3    7.97     0.00

13 19  6 75      18.3  199.6   12.68     0.00

14 19  6 75      21.6  198.9   12.44     0.00

15 19  6 75      17.2  201.9   12.43     0.00

16 19  6 75      19.8  207.5   13.66     0.00

17 19  6 75      21.3  222.7   13.79     0.00

18 19  6 75      15.9  260.8   13.16     0.00

19 19  6 75      11.2  270.5   10.31     0.00

20 19  6 75      11.0  282.4    7.26     0.00

21 19  6 75       2.5   45.2    5.36     0.00

22 19  6 75       3.2  176.9    5.59     0.00

23 19  6 75       2.4  287.7    5.09     0.00
```

```
 RIO BLANCO OIL SHALE PROJECT  SITE  TWO

                METEOROLOGICAL DATA
HR DY MO YR      WS10  WDR10    AT10      PREC
++ ++ ++ ++     +-------------------------------+

 0 20  6 75       1.6  222.7     5.12     0.00

 1 20  6 75       3.4  214.6     5.61     0.00

 2 20  6 75       3.4  210.0     5.85     0.00

 3 20  6 75       1.9  230.6     5.00     0.00

 4 20  6 75       5.4  233.4     5.34     0.00

 5 20  6 75       3.4   84.3     6.16     0.00

 6 20  6 75       1.3  109.6     6.41     0.00

 7 20  6 75       5.5  137.7     9.35     0.00

 8 20  6 75       8.4  120.4    11.98     0.00

 9 20  6 75      14.3  180.2    12.93     0.00

10 20  6 75      21.7  193.0     9.35     0.00

11 20  6 75      12.3  215.1     4.49     0.00

12 20  6 75      12.0  210.0     5.31     0.00

13 20  6 75       8.9  217.9     6.66     0.00

14 20  6 75      17.3  160.2    10.60     0.00

15 20  6 75      17.7  236.2     4.87     0.00

16 20  6 75      17.2  232.8     9.16     0.00

17 20  6 75      16.6  231.9    10.07     0.00

18 20  6 75      16.1  265.6     9.45     0.00

19 20  6 75      14.3  264.7     7.96     0.00

20 20  6 75      11.8  263.0     5.70     0.00

21 20  6 75       5.6  336.9     4.39     0.00

22 20  6 75       5.6  223.7     4.83     0.00

23 20  6 75       6.7  166.2     3.60     0.00
```

```
 RIO BLANCO OIL SHALE PROJECT  SITE  TWO

             METEOROLOGICAL  DATA
HR  DY  MO  YR     WS10  WDR10   AT10     PREC
++  ++  ++  ++    +------------------------------+

 0 21   6  75      4.3  159.6    3.04     0.00

 1 21   6  75      6.8  193.8    4.32     0.00

 2 21   6  75      4.1  262.9    3.80     0.00

 3 21   6  75      3.3  273.9    3.93     0.00

 4 21   6  75      2.7  269.4    4.38     0.00

 5 21   6  75      3.0  172.2    5.04     0.00

 6 21   6  75      6.3  258.4    5.62     0.00

 7 21   6  75      5.1  255.2    7.31     0.00

 8 21   6  75      8.0  223.6    7.48     0.00

 9 21   6  75      9.3  252.8    9.38     0.00

10 21   6  75     10.5  258.1   10.02     0.00

11 21   6  75      7.9  255.2   10.93     0.00

12 21   6  75      6.3  263.2    6.59     0.00

13 21   6  75     16.4  256.9   10.12     0.00

14 21   6  75     17.6  255.0    8.76     0.00

15 21   6  75     11.4  254.4   11.57     0.00

16 21   6  75     23.9  251.5    6.85     0.01

17 21   6  75      5.6  262.3    5.35     0.00

18 21   6  75     11.0  269.7    8.91     0.00

19 21   6  75     11.3  263.1    8.83     0.00

20 21   6  75      9.5  220.5    8.25     0.00

21 21   6  75      4.6  204.1    8.58     0.00

22 21   6  75      3.5  287.7    6.41     0.00

23 21   6  75      1.7  208.8    7.02     0.00
```

```
RIO BLANCO OIL SHALE PROJECT  SITE  TWO

            METEOROLOGICAL DATA
HR DY MO YR      WS10  WDP10    AT10     PREC
++ ++ ++ ++     +--------------------------------+

 0 22  6 75      2.4  293.3     6.85     0.00

 1 22  6 75      5.9  183.3     6.86     0.00

 2 22  6 75      2.4  174.2     6.64     0.00

 3 22  6 75      7.3  262.6     6.20     0.00

 4 22  6 75      7.8  266.0     6.11     0.00

 5 22  6 75      2.7  221.6     5.64     0.00

 6 22  6 75      1.5  246.8     6.63     0.00

 7 22  6 75      2.0  238.8     9.60     0.00

 8 22  6 75      4.7  100.0    10.13     0.00

 9 22  6 75      1.6   56.6     9.16     0.00

10 22  6 75      5.4  298.1    10.61     0.00

11 22  6 75      8.0  263.4    12.38     0.00

12 22  6 75      9.5  273.6    13.57     0.00

13 22  6 75     13.1  303.4    24.46     0.00

14 22  6 75      9.4  242.8    14.71     0.00

15 22  6 75     12.1  251.0    15.36     0.00

16 22  6 75     13.0  263.5    14.50     0.00

17 22  6 75     11.6  261.9    15.42     0.00

18 22  6 75     10.5  253.7    15.58     0.00

19 22  6 75      6.2  243.1    15.09     0.00

20 22  6 75      8.6  226.1 .  14.44     0.00

21 22  6 75      8.8  215.8    14.45     0.00

22 22  6 75     10.7  223.8    13.91     0.00

23 22  6 75     12.3  219.2    12.81     0.00
```

```
 RIO BLANCO OIL SHALE PROJECT  SITE  TWO

              METEOROLOGICAL  DATA
HR DY MO YR     WS10  WDR10   AT10    PREC
++ ++ ++ ++    +--------------------------------+

 0 23  6 75     12.4  222.8   12.30     0.00

 1 23  6 75     11.2  253.3   10.46     0.00

 2 23  6 75     11.9  263.2   10.63     0.00

 3 23  6 75      3.5  181.8    9.68     0.00

 4 23  6 75      2.7  300.8    9.47     0.00

 5 23  6 75      1.8  173.9    9.96     0.00

 6 23  6 75      3.6  272.8   10.70     0.00

 7 23  6 75      2.1  123.9   13.46     0.00

 8 23  6 75      5.5   78.4   14.24     0.00

 9 23  6 75      7.9  236.5   15.83     0.00

10 23  6 75      8.1  239.7   16.96     0.00

11 23  6 75      8.9  227.5   18.03     0.00

12 23  6 75     11.8  220.9   18.52     0.00

13 23  6 75     10.6  236.1   19.34     0.00

14 23  6 75     17.2  254.6   20.00     0.00

15 23  6 75      5.4  240.6   19.90     0.00

16 23  6 75     12.0  223.6   20.47     0.00

17 23  6 75     10.8  232.2   20.37     0.00

18 23  6 75     11.2    0.0   24.01     0.00

19 23  6 75      4.5  251.2   18.95     0.00

20 23  6 75      3.0  255.6   17.69     0.00

21 23  6 75      3.5  266.2   16.09     0.00

22 23  6 75      1.7  232.7   15.15     0.00

23 23  6 75      6.0  259.3   15.45     0.00
```

```
RIO BLANCO OIL SHALE PROJECT  SITE  TWO

             METEOROLOGICAL  DATA
HR DY MO YR      WS10  WDR10   AT10     PREC
++ ++ ++ ++     +--------------------------------+

 0 24  6 75       5.1  163.6   16.44    0.00

 1 24  6 75       4.5  197.6   15.72    0.00

 2 24  6 75       2.2  265.7   14.14    0.00

 3 24  6 75       6.2  200.3   15.38    0.00

 4 24  6 75       3.7  156.2   13.95    0.00

 5 24  6 75       6.6  177.3   14.38    0.00

 6 24  6 75      12.5  136.8   15.60    0.00

 7 24  6 75       9.6  166.8   15.24    0.00

 8 24  6 75      14.0  150.4   17.18    0.00

 9 24  6 75      14.0  170.6   18.17    0.00

10 24  6 75      16.1  186.2   18.41    0.00

11 24  6 75     999.0  999.0  999.00    0.00

12 24  6 75     999.0  999.0  999.00    0.00

13 24  6 75     999.0  999.0  999.00    0.00

14 24  6 75     999.0  999.0  999.00    0.00

15 24  6 75     999.0  999.0  999.00    0.00

16 24  6 75      21.1  193.9   21.56    0.00

17 24  6 75      16.4  205.2   21.15    0.00

18 24  6 75     999.0  999.0  999.00    0.00

19 24  6 75      19.2  209.5   20.91    0.00

20 24  6 75      13.4  191.8   18.95    0.00

21 24  6 75      13.4  192.9   17.85    0.00

22 24  6 75      13.6  205.1   17.55    0.00

23 24  6 75      12.1  200.1   17.11    0.00
```

```
 RIO BLANCO OIL SHALE PROJECT  SITE  TWO

              METEOROLOGICAL  DATA
HR DY MO YR     WS10  WDR10    AT10     PREC
++ ++ ++ ++    +-------------------------------+

 0 25  6 75     13.9  210.6   17.18     0.00

 1 25  6 75     12.9  211.0   16.73     0.00

 2 25  6 75     12.4  195.4   15.98     0.00

 3 25  6 75     15.4  207.6   15.73     0.00

 4 25  6 75     14.1  207.7   14.85     0.00

 5 25  6 75     14.6  203.7   13.86     0.00

 6 25  6 75     16.3  198.4   14.49     0.00

 7 25  6 75     21.3  187.3   15.26     0.00

 8 25  6 75     19.1  189.3   15.23     0.00

 9 25  6 75     22.6  194.3   15.15     0.00

10 25  6 75     22.2  196.7   15.67     0.00

11 25  6 75     22.4  207.6   15.62     0.00

12 25  6 75     23.3  190.1   15.11     0.00

13 25  6 75     35.5  269.4    7.42     0.00

14 25  6 75     28.4  248.1   12.45     0.00

15 25  6 75     16.5  287.7   11.46     0.00

16 25  6 75     23.5  272.1   13.29     0.00

17 25  6 75     22.2  311.5   10.52     0.00

18 25  6 75     21.4  299.9    9.59     0.00

19 25  6 75     23.7  295.3    8.43     0.00

20 25  6 75     20.6  277.3    6.88     0.00

21 25  6 75      6.4  266.3    5.43     0.00

22 25  6 75     14.1  299.8    5.15     0.00

23 25  6 75     10.7  287.9    4.55     0.00
```

```
RIO BLANCO OIL SHALE PROJECT  SITE  TWO

               METEOROLOGICAL DATA
HR DY MO YR      WS10  WDR10   AT10     PREC
++ ++ ++ ++     +------------------------------+

 0 26  6 75       4.6  104.4    3.51     0.00

 1 26  6 75       3.6  180.0    1.59     0.00

 2 26  6 75       1.6  137.5    2.14     0.00

 3 26  6 75       3.3  242.0    2.01     0.00

 4 26  6 75       4.9  201.0    2.41     0.00

 5 26  6 75       7.4  191.6    3.26     0.00

 6 26  6 75       5.7  169.1    3.87     0.00

 7 26  6 75       6.0  147.9    5.60     0.00

 8 26  6 75       5.2  119.2    7.32     0.00

 9 26  6 75       4.2  254.1    9.95     0.00

10 26  6 75       5.2  266.9   10.73     0.00

11 26  6 75       5.3  231.8   12.49     0.00

12 26  6 75       6.5  248.0   14.35     0.00

13 26  6 75       5.5  230.4   16.14     0.00

14 26  6 75      10.1  225.5   17.47     0.00

15 26  6 75       9.8  224.2   18.80     0.00

16 26  6 75      13.4  223.8   19.09     0.00

17 26  6 75      12.7  210.7   19.23     0.00

18 26  6 75      14.2  231.9   18.80     0.00

19 26  6 75      10.7  229.0   17.21     0.00

20 26  6 75       4.5  312.6   13.90     0.00

21 26  6 75       3.7  358.2   13.81     0.00

22 26  6 75       7.3  278.3   13.32     0.00

23 26  6 75       7.9  276.4   12.31     0.00
```

```
RIO BLANCO OIL SHALE PROJECT  SITE  TWO

             METEOROLOGICAL  DATA
HR DY MO YR      WS10  WDR10   AT10     PREC
++ ++ ++ ++    +--------------------------------+

 0 27  6 75      4.2   352.8   13.16     0.00

 1 27  6 75      2.9   322.9   12.12     0.00

 2 27  6 75      5.3   158.5   11.63     0.00

 3 27  6 75      4.1   156.8   12.91     0.00

 4 27  6 75      4.0   122.1   12.06     0.00

 5 27  6 75     12.0   215.3   13.42     0.00

 6 27  6 75     15.9   207.9   15.00     0.00

 7 27  6 75     13.5   212.3   16.93     0.00

 8 27  6 75     18.4   203.5   18.11     0.00

 9 27  6 75     19.2   229.3   19.43     0.00

10 27  6 75     21.6   230.4   20.03     0.00

11 27  6 75     21.2   228.4   20.47     0.00

12 27  6 75     22.0   212.3   21.05     0.00

13 27  6 75     25.7   205.9   21.71     0.00

14 27  6 75     27.2   228.9   22.43     0.00

15 27  6 75     20.3   213.3   22.87     0.00

16 27  6 75     19.5   208.0   22.95     0.00

17 27  6 75     16.4   240.5   22.49     0.00

18 27  6 75     13.1   226.0   21.63     0.00

19 27  6 75     13.1   220.0   21.07     0.00

20 27  6 75     13.7   220.6   20.43     0.00

21 27  6 75     14.2   223.7   19.63     0.00

22 27  6 75     13.1   217.2   19.08     0.00

23 27  6 75     16.5   219.5   18.90     0.00
```

```
RIO BLANCO OIL SHALE PROJECT  SITE  TWO

           METEOROLOGICAL DATA
HR DY MO YR      WS10  WDR10   AT10     PREC
++ ++ ++ ++     +--------------------------------+

 0 28  6 75     13.9  241.3   17.69     0.00

 1 28  6 75     13.4  250.3   15.23     0.00

 2 28  6 75     12.5  249.6   15.59     0.00

 3 28  6 75     10.1  340.8   14.53     0.00

 4 28  6 75      6.4  292.7   12.33     0.00

 5 28  6 75      5.3  293.0   12.06     0.00

 6 28  6 75      4.2  283.0   12.66     0.00

 7 28  6 75      3.2  305.4   14.55     0.00

 8 28  6 75      2.3  300.9   17.17     0.00

 9 28  6 75      4.4  146.9   19.36     0.00

10 28  6 75      4.5  216.3   20.89     0.00

11 28  6 75     12.4  202.0   21.83     0.00

12 28  6 75      9.0  999.0   19.53     0.00

13 28  6 75      8.9  999.0   17.74     0.00

14 28  6 75      6.1  313.2   18.97     0.00

15 28  6 75      6.5  237.6   20.79     0.00

16 28  6 75      5.0  172.8   21.52     0.00

17 28  6 75      5.3  103.9   23.41     0.00

18 28  6 75      4.0   62.9   23.58     0.00

19 28  6 75     12.7  241.9   21.78     0.00

20 28  6 75     13.3  234.1   20.03     0.00

21 28  6 75     13.6  219.0   19.34     0.00

22 28  6 75     12.6  209.1   19.23     0.00

23 28  6 75     14.1  209.1   18.71     0.00
```

```
RIO BLANCO OIL SHALE PROJECT  SITE  TWO

            METEOROLOGICAL  DATA
HR DY MO YR      WS10  WDR10    AT10     PREC
++ ++ ++ ++    +-----------------------------+

 0 29  6 75      13.5  211.1    18.13     0.00

 1 29  6 75      15.0  219.5    18.63     0.00

 2 29  6 75      14.5  210.0    18.49     0.00

 3 29  6 75      14.1  208.8    18.10     0.00

 4 29  6 75      13.5  208.4    17.24     0.00

 5 29  6 75      14.6  211.7    17.08     0.00

 6 29  6 75      16.4  215.3    17.70     0.00

 7 29  6 75      15.2  211.7    18.94     0.00

 8 29  6 75      16.5  230.0    19.64     0.00

 9 29  6 75      17.7  216.0    20.40     0.00

10 29  6 75      15.2  217.5    20.99     0.00

11 29  6 75      17.0  214.6    21.84     0.00

12 29  6 75      21.7  215.2    22.10     0.00

13 29  6 75      22.4  213.9    22.84     0.00

14 29  6 75      21.7  198.8    23.65     0.00

15 29  6 75      22.2  210.9    23.06     0.00

16 29  6 75      15.1  209.2    23.44     0.00

17 29  6 75      17.5  207.5    23.91     0.00

18 29  6 75      16.3  223.4    23.51     0.00

19 29  6 75       3.5   97.2    23.24     0.00

20 29  6 75      13.5  231.1    19.60     0.00

21 29  6 75      14.0  232.2    19.50     0.00

22 29  6 75      13.3  216.3    19.08     0.00

23 29  6 75      14.9  215.3    19.15     0.00
```

```
RIO BLANCO OIL SHALE PROJECT  SITE  TWO

            METEOROLOGICAL DATA
HR DY MO YR        WS10  WDR10   AT10     PREC
++ ++ ++ ++     +-------------------------------+

 0 30  6 75     14.9  218.5   18.68     0.00

 1 30  6 75     15.4  217.0   18.73     0.00

 2 30  6 75     16.3  216.5   18.80     0.00

 3 30  6 75     14.6  219.2   18.93     0.00

 4 30  6 75     14.4  223.4   19.11     0.00

 5 30  6 75      4.9  329.1   15.51     0.00

 6 30  6 75      3.6    7.2   16.17     0.00

 7 30  6 75      4.0   59.7   17.94     0.00

 8 30  6 75      5.0   89.4   19.89     0.00

 9 30  6 75     10.0  191.0   22.49     0.00

10 30  6 75     10.3  179.0   23.65     0.00

11 30  6 75     13.7  181.8   24.23     0.00

12 30  6 75     14.8  203.6   24.67     0.00

13 30  6 75     15.7  191.2   24.89     0.00

14 30  6 75     15.4  199.4   25.70     0.00

15 30  6 75     16.5  229.3   25.93     0.00

16 30  6 75     14.3  217.1   26.17     0.00

17 30  6 75     13.5  201.8   25.92     0.00

18 30  6 75      8.9  208.3   25.35     0.00

19 30  6 75      9.9  219.2   24.12     0.00

20 30  6 75      9.5  229.1   23.45     0.00

21 30  6 75     11.0  233.7   22.45     0.00

22 30  6 75     15.0  231.2   22.35     0.00

23 30  6 75     11.9  238.3   20.71     0.00
```

```
  RIO BLANCO OIL SHALE PROJECT  SITE  TWO

               METEOROLOGICAL DATA
HR DY MO YR      WS10  WDR10   AT10     PREC
++ ++ ++ ++     +-------------------------------+

 0  1  7 75       7.7  238.3   18.16     0.00

 1  1  7 75      13.7  225.6   21.35     0.00

 2  1  7 75      11.5  213.6   21.90     0.00

 3  1  7 75      13.4  246.3   19.31     0.00

 4  1  7 75      14.6  229.4   20.38     0.00

 5  1  7 75      13.6  207.3   20.25     0.00

 6  1  7 75       4.0  160.6   19.05     0.00

 7  1  7 75       5.1  221.2   20.94     0.00

 8  1  7 75       6.4  118.3   22.25     0.00

 9  1  7 75      10.1  174.6   24.09     0.00

10  1  7 75      17.6  175.1   24.52     0.00

11  1  7 75      16.6  169.2   25.32     0.00

12  1  7 75      13.8  186.1   25.80     0.00

13  1  7 75      17.2  202.2   26.69     0.00

14  1  7 75      18.2  229.1   26.44     0.00

15  1  7 75      16.0  227.8   26.56     0.00

16  1  7 75      11.0  217.3   26.97     0.00

17  1  7 75       9.1  205.8   26.88     0.00

18  1  7 75       8.6  212.1   26.44     0.00

19  1  7 75      11.2  223.6   24.92     0.00

20  1  7 75       8.9  241.9   23.28     0.00

21  1  7 75       7.0  262.5   21.89     0.00

22  1  7 75       5.6  257.9   22.61     0.00

23  1  7 75       7.6  248.0   22.27     0.00
```

```
RIO BLANCO OIL SHALE PROJECT  SITE  TWO

            METEOROLOGICAL DATA
HR DY MO YR       WS10  WDR10    AT10     PREC
++ ++ ++ ++      +-------------------------------+

 0  2  7 75        7.6  255.9   22.50     0.00

 1  2  7 75        5.2  319.0   18.64     0.00

 2  2  7 75        4.6  233.8   19.53     0.00

 3  2  7 75        1.5  251.5   17.13     0.00

 4  2  7 75        6.1  224.0   20.93     0.00

 5  2  7 75        4.3  160.7   20.01     0.00

 6  2  7 75        3.3  125.2   19.72     0.00

 7  2  7 75        4.1  107.0   21.23     0.00

 8  2  7 75        4.6  106.9   23.12     0.00

 9  2  7 75        6.0  244.6   23.85     0.00

10  2  7 75        7.4  242.3   24.63     0.00

11  2  7 75        7.3  264.1   25.26     0.00

12  2  7 75        8.0  195.6   26.60     0.00

13  2  7 75        7.6  108.9   26.63     0.00

14  2  7 75        8.7  215.1   27.47     0.00

15  2  7 75       11.5  207.5   27.29     0.00

16  2  7 75       11.2   43.9   25.24     0.00

17  2  7 75        6.8  175.1   22.77     0.00

18  2  7 75        7.2  208.0   22.28     0.00

19  2  7 75       19.3  107.7   20.25     0.00

20  2  7 75        7.2  120.7   18.61     0.00

21  2  7 75        6.7  163.4   18.05     0.00

22  2  7 75        4.0  235.3   17.06     0.00

23  2  7 75        7.0  234.9   17.31     0.00
```

```
 RIO BLANCO OIL SHALE PROJECT  SITE  TWO

                METEOROLOGICAL DATA
HR DY MO YR      WS10  WDR10   AT10     PREC
++ ++ ++ ++     +--------------------------------+

 0  3  7 75     14.6  220.9   18.10     0.00

 1  3  7 75      6.8  126.7   16.78     0.00

 2  3  7 75      7.1   69.3   15.42     0.00

 3  3  7 75      2.5  308.9   14.07     0.00

 4  3  7 75      5.1  257.2   14.98     0.00

 5  3  7 75      4.3  203.0   16.63     0.00

 6  3  7 75      3.2  135.9   16.10     0.00

 7  3  7 75      4.4  113.3   17.47     0.00

 8  3  7 75      2.7  171.3   17.99     0.00

 9  3  7 75      7.1  268.3   20.18     0.00

10  3  7 75      9.5  252.6   21.50     0.00

11  3  7 75      8.6  267.4   22.15     0.00

12  3  7 75      9.4  195.5   22.40     0.00

13  3  7 75      6.0  232.5   23.60     0.00

14  3  7 75      9.0  183.2   24.17     0.00

15  3  7 75     10.6  224.1   24.73     0.00

16  3  7 75      7.7  233.5   24.87     0.00

17  3  7 75     10.2  262.5   24.46     0.00

18  3  7 75      8.5  209.3   23.86     0.00

19  3  7 75     12.3  233.1   21.11     0.00

20  3  7 75      6.4  328.5   17.08     0.00

21  3  7 75      4.6   43.6   17.15     0.00

22  3  7 75      4.1  326.5   16.74     0.00

23  3  7 75      5.5   33.0   16.34     0.00
```

```
RIO BLANCO OIL SHALE PROJECT  SITE  TWO

            METEOROLOGICAL DATA
HR DY MO YR      WS10  WDR10    AT10     PREC
++ ++ ++ ++    +--------------------------------+

 0  4  7 75      4.0  290.3   14.93     0.00

 1  4  7 75      5.3  276.5   14.87     0.00

 2  4  7 75      5.1  117.4   14.78     0.00

 3  4  7 75      5.3  248.5   12.97     0.00

 4  4  7 75      6.6  251.6   13.46     0.00

 5  4  7 75      4.5  271.1   14.09     0.00

 6  4  7 75      3.8  266.7   15.39     0.00

 7  4  7 75      2.8  123.5   16.65     0.00

 8  4  7 75      3.7  143.4   19.35     0.00

 9  4  7 75      3.0    3.0   21.92     0.00

10  4  7 75      4.3  271.2   22.87     0.00

11  4  7 75      5.9  223.2   23.13     0.00

12  4  7 75      5.6  298.8   21.09     0.00

13  4  7 75      9.1  151.2   18.64     0.00

14  4  7 75     15.4  212.5   18.26     0.00

15  4  7 75     12.1  188.6   18.74     0.00

16  4  7 75      7.7  216.5   22.05     0.00

17  4  7 75      8.3  254.5   22.66     0.00

18  4  7 75      8.5  258.6   22.19     0.00

19  4  7 75      4.2  238.3   21.53     0.00

20  4  7 75      5.6  258.9   18.54     0.00

21  4  7 75      2.4  308.7   18.90     0.00

22  4  7 75      5.0  318.0   17.20     0.00

23  4  7 75      4.1  293.3   16.07     0.00
```

```
RIO BLANCO OIL SHALE PROJECT  SITE  TWO

               METEOROLOGICAL DATA
HR DY MO YR       WS10  WDR10    AT10      PREC
++ ++ ++ ++    +-------------------------------+

 0  5  7 75        6.4  240.0   16.80      0.00

 1  5  7 75        5.4  270.9   16.66      0.00

 2  5  7 75        8.6   14.0   14.23      0.00

 3  5  7 75        4.6  279.3   13.20      0.00

 4  5  7 75        6.2  253.1   14.20      0.00

 5  5  7 75        3.3  266.1   14.30      0.00

 6  5  7 75        4.6   51.2   14.25      0.00

 7  5  7 75        1.6  108.9   16.77      0.00

 8  5  7 75        2.3   22.7   19.10      0.00

 9  5  7 75        5.6   45.3   13.34      0.00

10  5  7 75        5.3   32.1   18.88      0.00

11  5  7 75        5.3   63.4   20.73      0.00

12  5  7 75        7.1   20.6   21.85      0.00

13  5  7 75        7.6   27.6   23.08      0.00

14  5  7 75        5.0  333.5   23.27      0.00

15  5  7 75        5.8  337.5   24.52      0.00

16  5  7 75        9.7  304.3   24.16      0.00

17  5  7 75        8.1  338.9   24.27      0.00

18  5  7 75       11.5  313.6   21.70      0.00

19  5  7 75        8.8  280.4   20.91      0.00

20  5  7 75       14.3   36.7   17.97      0.00

21  5  7 75        9.1   75.5   17.45      0.00

22  5  7 75        4.2  107.5   16.06      0.00

23  5  7 75        2.1  252.4   15.07      0.00
```

```
RIO BLANCO OIL SHALE PROJECT  SITE  TWO

             METEOROLOGICAL DATA
HR DY MO YR      WS10  WDR10    AT10      PREC
++ ++ ++ ++     +-------------------------------+

 0  6  7 75      4.4  285.9    14.94     0.00

 1  6  7 75      3.8  241.9    15.34     0.00

 2  6  7 75      3.0    5.4    14.46     0.00

 3  6  7 75      5.2  277.5    12.42     0.00

 4  6  7 75      4.1  289.7    12.57     0.00

 5  6  7 75      4.0  283.5    12.96     0.00

 6  6  7 75      1.9  336.3    14.45     0.00

 7  6  7 75      4.8   44.5    15.06     0.00

 8  6  7 75      4.1  108.6    16.29     0.00

 9  6  7 75      5.7  352.6    17.27     0.00

10  6  7 75      6.0   25.2    19.40     0.00

11  6  7 75      6.0   31.3    20.87     0.00

12  6  7 75      6.2   47.8    22.10     0.00

13  6  7 75      6.4   51.6    23.76     0.00

14  6  7 75      6.6   35.2    24.31     0.00

15  6  7 75      8.3   56.3    24.94     0.00

16  6  7 75      7.7    8.5    25.66     0.00

17  6  7 75      8.1  336.0    25.48     0.00

18  6  7 75      7.8  355.9    25.19     0.00

19  6  7 75      7.1  324.8    23.81     0.00

20  6  7 75      4.6  288.5    21.02     0.00

21  6  7 75      5.3  277.9    20.62     0.00

22  6  7 75      5.2  272.9    20.66     0.00

23  6  7 75      4.7  280.8    19.83     0.00
```

```
 RIO BLANCO OIL SHALE PROJECT  SITE  TWO

               METEOROLOGICAL DATA
HR DY MO YR      WS10  WDR10    AT10     PREC
++ ++ ++ ++    +-------------------------------+

 0  7  7 75       3.6  281.8   19.73     0.00

 1  7  7 75       4.9  274.3   18.97     0.00

 2  7  7 75       5.0  277.0   18.94     0.00

 3  7  7 75       3.4   61.7   18.12     0.00

 4  7  7 75       4.5  283.1   16.96     0.00

 5  7  7 75       3.7  178.9   16.42     0.00

 6  7  7 75       5.0  232.9   17.38     0.00

 7  7  7 75       2.8  349.7   19.85     0.00

 8  7  7 75       4.0   96.6   20.29     0.00

 9  7  7 75       3.5   78.2   22.79     0.00

10  7  7 75       6.6   63.1   23.82     0.00

11  7  7 75       6.4   71.5   24.69     0.00

12  7  7 75       6.9   71.7   25.39     0.00

13  7  7 75       7.6   79.7   26.13     0.00

14  7  7 75       6.7   54.4   26.53     0.00

15  7  7 75       8.6   29.6   26.24     0.00

16  7  7 75       9.4   13.5   26.08     0.00

17  7  7 75      10.4   25.1   26.37     0.00

18  7  7 75       8.9   27.3   25.85     0.00

19  7  7 75       9.9   62.1   24.73     0.00

20  7  7 75       5.3   58.2   22.69     0.00

21  7  7 75       4.9    2.7   21.39     0.00

22  7  7 75       4.1  288.7   19.74     0.00

23  7  7 75       4.6  333.4   19.07     0.00
```

```
RIO BLANCO OIL SHALE PROJECT  SITE  TWO

              METEOROLOGICAL  DATA
HR DY MO YR      WS10  WDR10   AT10    PREC
++ ++ ++ ++     +-----------------------------+

 0  8  7 75      7.2  332.2   17.11    0.00

 1  8  7 75      4.4  355.8   17.10    0.00

 2  8  7 75      2.8  277.2   15.87    0.00

 3  8  7 75      4.0  293.4   15.07    0.00

 4  8  7 75      4.1  275.2   14.37    0.00

 5  8  7 75      3.3  307.3   14.17    0.00

 6  8  7 75      3.9  294.3   14.41    0.00

 7  8  7 75      2.7  305.1   17.16    0.00

 8  8  7 75      3.4  341.5   17.83    0.00

 9  8  7 75      4.1   50.8   20.64    0.00

10  8  7 75      5.7   11.2   21.63    0.00

11  8  7 75      5.9    8.0   23.92    0.00

12  8  7 75      6.2   29.7   24.95    0.00

13  8  7 75      5.6   47.2   23.44    0.00

14  8  7 75     16.8  202.2   17.85    0.01

15  8  7 75     10.7  208.2   21.24    0.00

16  8  7 75      9.6  211.6   21.85    0.00

17  8  7 75      8.1  259.1   20.77    0.00

18  8  7 75      8.6  311.3   20.07    0.00

19  8  7 75      8.9  358.3   18.66    0.00

20  8  7 75      2.5  219.4   18.30    0.00

21  8  7 75      1.2  352.3   16.89    0.00

22  8  7 75      6.0  255.8   17.01    0.00

23  8  7 75      5.9  217.6   16.70    0.00
```

```
 RIO BLANCO OIL SHALE PROJECT  SITE  TWO

              METEOROLOGICAL DATA
HR DY MO YR      WS10  WDR10    AT10     PREC
++ ++ ++ ++    +-------------------------------+

 0  9  7 75       8.2  185.1   19.32     0.00

 1  9  7 75       4.2  294.3   17.56     0.00

 2  9  7 75       9.1  228.3   14.23     0.00

 3  9  7 75       7.1  177.5   13.16     0.00

 4  9  7 75      12.9  224.2   13.65     0.00

 5  9  7 75       9.6  195.5   13.95     0.00

 6  9  7 75      10.7  243.2   14.45     0.00

 7  9  7 75       7.6  274.8   14.78     0.00

 8  9  7 75       3.8  305.2   16.27     0.00

 9  9  7 75       3.0  160.0   18.33     0.00

10  9  7 75       2.4  215.9   19.97     0.00

11  9  7 75       3.6  197.7   20.74     0.00

12  9  7 75       5.7  263.4   21.72     0.00

13  9  7 75       3.9  326.2   22.44     0.00

14  9  7 75      12.7  215.6   19.99     0.00

15  9  7 75       4.5   40.9   19.25     0.00

16  9  7 75       6.4  190.8   20.81     0.00

17  9  7 75       3.1  174.1   21.81     0.00

18  9  7 75      12.7   28.2   18.99     0.00

19  9  7 75       9.2   21.3   16.05     0.00

20  9  7 75       4.5  181.9   15.17     0.00

21  9  7 75       2.8  284.1   14.56     0.00

22  9  7 75       3.9  265.7   15.00     0.00

23  9  7 75       6.5  205.3   16.45     0.00
```

```
RIO BLANCO OIL SHALE PROJECT  SITE  TWO

             METEOROLOGICAL  DATA
HR DY MO YR      WS10  WDR10    AT10      PREC
++ ++ ++ ++    +------------------------------+

 0 10  7 75     2.7   41.5    14.52      0.00

 1 10  7 75     3.6  233.3    14.57      0.00

 2 10  7 75     1.2    1.7    13.57      0.00

 3 10  7 75     2.5  194.2    12.88      0.00

 4 10  7 75     5.1   40.3    13.45      0.00

 5 10  7 75     3.1  223.4    11.50      0.00

 6 10  7 75     3.5  302.2    12.26      0.00

 7 10  7 75     3.0  287.8    14.61      0.00

 8 10  7 75     2.4    6.8    17.39      0.00

 9 10  7 75     3.7   89.6    18.21      0.00

10 10  7 75     5.5   50.2    19.23      0.00

11 10  7 75     6.9   55.5    20.38      0.00

12 10  7 75     7.5   53.2    21.31      0.00

13 10  7 75     7.7   45.2    22.31      0.00

14 10  7 75     8.3   33.7    23.39      0.00

15 10  7 75    10.1   51.8    23.92      0.00

16 10  7 75     6.7   45.1    24.36      0.00

17 10  7 75     8.3   40.7    23.53      0.00

18 10  7 75     8.5   59.4    22.13      0.00

19 10  7 75     4.9   52.9    21.36      0.00

20 10  7 75     5.5   15.7    19.89      0.00

21 10  7 75     4.0  354.3    18.30      0.00

22 10  7 75     5.1  339.3    18.13      0.00

23 10  7 75     3.9  291.4    17.60      0.00
```

```
RIO BLANCO OIL SHALE PROJECT  SITE  TWO

               METEOROLOGICAL  DATA
HR DY MO YR      WS10  WDR10    AT10      PREC
++ ++ ++ ++    +--------------------------------+

 0 11  7 75      4.2  293.7    17.01      0.00

 1 11  7 75      3.9  332.4    16.48      0.00

 2 11  7 75      5.0  282.5    15.47      0.00

 3 11  7 75      3.2  297.2    15.39      0.00

 4 11  7 75      4.1  298.0    14.60      0.00

 5 11  7 75      4.5  289.5    14.17      0.00

 6 11  7 75      4.0  279.5    14.33      0.00

 7 11  7 75      1.6  231.4    17.23      0.00

 8 11  7 75      4.1  109.0    17.87      0.00

 9 11  7 75      8.7   95.9    18.43      0.00

10 11  7 75      5.9   79.0    20.12      0.00

11 11  7 75      8.6   72.0    20.83      0.00

12 11  7 75      9.4   32.1    22.04      0.00

13 11  7 75      8.8   41.9    22.23      0.00

14 11  7 75      8.8   24.9    22.87      0.00

15 11  7 75      9.9   29.1    23.11      0.00

16 11  7 75     10.5   21.9    23.52      0.00

17 11  7 75      9.2   39.6    23.24      0.00

18 11  7 75      9.9   51.7    23.10      0.00

19 11  7 75      8.2   70.1    21.80      0.00

20 11  7 75      5.9   51.8    19.79      0.00

21 11  7 75      3.9  341.4    18.22      0.00

22 11  7 75      2.9  348.3    17.81      0.00

23 11  7 75      3.2   16.7    17.95      0.00
```

```
RIO BLANCO OIL SHALE PROJECT  SITE  TWO

              METEOROLOGICAL DATA
HR DY MO YR      WS10  WDR10   AT10    PREC
++ ++ ++ ++     +------------------------------+

 0 12  7 75       3.9  332.0   16.58    0.00

 1 12  7 75       4.5  290.6   16.25    0.00

 2 12  7 75       3.7  295.9   15.67    0.00

 3 12  7 75       3.1  276.1   15.16    0.00

 4 12  7 75       2.5  273.3   14.03    0.00

 5 12  7 75       2.4  313.5   13.47    0.00

 6 12  7 75       2.3  332.3   14.05    0.00

 7 12  7 75       1.2   93.3   15.60    0.00

 8 12  7 75       3.4  310.2   17.25    0.00

 9 12  7 75       2.1   25.2   18.56    0.00

10 12  7 75       1.9  334.1   19.07    0.00

11 12  7 75       4.4  292.3   19.98    0.00

12 12  7 75       4.6  315.7   20.75    0.00

13 12  7 75       5.0  272.8   20.13    0.00

14 12  7 75       3.2  285.3   21.47    0.00

15 12  7 75       8.0  306.1   22.71    0.00

16 12  7 75       6.8  303.5   23.14    0.00

17 12  7 75       4.9  316.7   22.77    0.00

18 12  7 75       3.9   12.5   22.34    0.00

19 12  7 75       9.4  249.8   17.42    0.00

20 12  7 75       8.7  255.0   17.98    0.00

21 12  7 75      12.6  261.0   17.47    0.00

22 12  7 75      11.1  249.7   16.95    0.00

23 12  7 75      12.4  257.4   16.80    0.00
```

RIO BLANCO OIL SHALE PROJECT SITE TWO

METEOROLOGICAL DATA

HR ++	DY ++	MO ++	YR ++	WS10	WDR10	AT10	PREC
0	13	7	75	11.5	266.0	16.68	0.00
1	13	7	75	11.6	267.0	16.39	0.00
2	13	7	75	6.9	275.7	15.90	0.00
3	13	7	75	3.9	88.8	15.78	0.00
4	13	7	75	7.5	226.9	16.31	0.00
5	13	7	75	3.9	210.9	14.91	0.00
6	13	7	75	2.7	167.8	15.63	0.00
7	13	7	75	6.1	212.8	16.38	0.00
8	13	7	75	8.2	274.7	17.81	0.00
9	13	7	75	10.7	231.0	19.06	0.00
10	13	7	75	9.1	225.8	20.21	0.00
11	13	7	75	12.3	238.2	20.96	0.00
12	13	7	75	12.3	254.2	20.54	0.00
13	13	7	75	11.5	206.5	22.13	0.00
14	13	7	75	16.4	280.8	19.47	0.00
15	13	7	75	9.6	210.9	21.16	0.00
16	13	7	75	15.0	252.7	22.31	0.00
17	13	7	75	12.5	277.6	20.68	0.00
18	13	7	75	9.0	262.7	20.38	0.00
19	13	7	75	9.1	261.1	20.50	0.00
20	13	7	75	11.5	269.8	18.66	0.00
21	13	7	75	10.5	273.2	18.18	0.00
22	13	7	75	9.0	258.9	16.91	0.00
23	13	7	75	5.5	254.7	17.48	0.00

```
RIO BLANCO OIL SHALE PROJECT  SITE  TWO

              METEOROLOGICAL DATA
HR DY MO YR      WS10   WDR10    AT10     PREC
++ ++ ++ ++     +--------------------------------+

 0 14  7 75      9.2   250.0    17.01     0.00

 1 14  7 75      3.0   233.5    16.09     0.00

 2 14  7 75      3.0   290.3    15.20     0.00

 3 14  7 75      4.5   247.3    15.83     0.00

 4 14  7 75      3.4   256.0    15.45     0.00

 5 14  7 75      3.2   263.9    15.34     0.00

 6 14  7 75      1.4   196.3    17.09     0.00

 7 14  7 75      3.0   127.6    17.93     0.00

 8 14  7 75      3.5   153.7    19.31     0.00

 9 14  7 75      2.7   250.0    21.45     0.00

10 14  7 75      3.7   205.0    22.21     0.00

11 14  7 75      4.2   276.3    22.36     0.00

12 14  7 75      3.9    71.9    23.41     0.00

13 14  7 75     13.7    28.5    21.62     0.00

14 14  7 75      3.6    16.9    23.60     0.00

15 14  7 75     12.9   149.3    23.23     0.00

16 14  7 75     10.8   224.3    21.20     0.00

17 14  7 75      5.3   234.2    24.30     0.00

18 14  7 75      7.9   254.2    21.93     0.00

19 14  7 75      9.2   245.5    20.90     0.00

20 14  7 75     13.9   292.3    20.59     0.00

21 14  7 75      4.4   273.7    19.52     0.00

22 14  7 75      8.9   159.8    18.40     0.00

23 14  7 75     11.3   193.7    17.33     0.00
```

```
 RIO BLANCO OIL SHALE PROJECT  SITE  TWO

               METEOROLOGICAL  DATA
HR DY MO YR      WS10  WDR10    AT10     PREC
++ ++ ++ ++     +-----------------------------+

 0 15  7 75      8.3  166.5    17.01     0.00

 1 15  7 75     15.8  207.0    16.95     0.00

 2 15  7 75     17.1  219.4    16.00     0.00

 3 15  7 75      5.1   50.3    15.88     0.00

 4 15  7 75      4.8   11.1    13.88     0.00

 5 15  7 75      3.7  279.2    13.95     0.00

 6 15  7 75      2.7  276.2    15.44     0.00

 7 15  7 75      3.0  120.7    15.51     0.00

 8 15  7 75      3.1  172.2    17.52     0.00

 9 15  7 75      5.0  127.3    19.81     0.00

10 15  7 75      7.4  208.8    20.67     0.00

11 15  7 75     10.4  236.7    21.52     0.00

12 15  7 75      9.5  277.7    22.13     0.00

13 15  7 75     11.3  218.9    22.97     0.00

14 15  7 75     11.2  281.9    21.05     0.00

15 15  7 75      7.5   54.4    21.15     0.00

16 15  7 75      6.0   58.2    21.17     0.00

17 15  7 75      5.9   62.7    21.90     0.00

18 15  7 75      5.6   20.1    21.06     0.00

19 15  7 75      8.4  318.0    17.98     0.00

20 15  7 75     11.3  197.0    17.73     0.00

21 15  7 75      2.4  299.6    15.99     0.00

22 15  7 75      5.0  226.8    17.32     0.00

23 15  7 75      2.8  238.1    16.74     0.00
```

```
RIO BLANCO OIL SHALE PROJECT  SITE  TWO

             METEOROLOGICAL DATA
HR DY MO YR      WS10  WDR10    AT10     PREC
++ ++ ++ ++    +--------------------------------+

 0 16  7 75      4.6  277.7    15.88     0.00

 1 16  7 75      4.3  279.9    15.76     0.00

 2 16  7 75      9.3  154.2    14.07     0.00

 3 16  7 75      7.4  212.4    15.86     0.00

 4 16  7 75      4.9  143.7    12.95     0.00

 5 16  7 75      3.0  355.9    12.64     0.00

 6 16  7 75      2.7  222.8    12.52     0.00

 7 16  7 75      2.5  300.7    14.46     0.00

 8 16  7 75      7.7  136.9    17.68     0.00

 9 16  7 75     11.7  209.7    16.25     0.00

10 16  7 75     12.7  207.5    12.50     0.00

11 16  7 75      5.2  150.1    13.48     0.00

12 16  7 75      4.9  103.3    13.37     0.00

13 16  7 75      6.7  194.6    12.22     0.00

14 16  7 75      6.3  114.5    11.97     0.00

15 16  7 75      8.7  118.0    14.67     0.00

16 16  7 75      8.1  136.0    16.07     0.00

17 16  7 75      6.9  187.0    16.65     0.00

18 16  7 75      9.8  309.2    12.05     0.00

19 16  7 75      5.2  160.6    12.77     0.00

20 16  7 75     10.7  295.1     9.85     0.00

21 16  7 75      7.4  115.6    10.09     0.00

22 16  7 75      8.5  152.5     9.50     0.00

23 16  7 75     11.2  163.1     9.92     0.01
```

```
RIO BLANCO OIL SHALE PROJECT  SITE  TWO

           METEOROLOGICAL DATA
HR DY MO YR     WS10  WDR10    AT10     PREC
++ ++ ++ ++    +----------------------------------+

 0 17  7 75      8.5  173.0   10.64     0.00

 1 17  7 75      4.1  220.4   11.88     0.00

 2 17  7 75      3.3  155.0   12.08     0.00

 3 17  7 75      2.4  280.0   11.12     0.00

 4 17  7 75      3.1  331.3   10.56     0.00

 5 17  7 75      2.5  128.0   11.12     0.00

 6 17  7 75      5.7  267.1   12.04     0.00

 7 17  7 75      7.7  219.8   14.69     0.00

 8 17  7 75     12.5  240.0   15.91     0.00

 9 17  7 75     14.1  228.8   16.64     0.00

10 17  7 75     14.2  210.5   17.51     0.00

11 17  7 75     12.1  227.4   18.43     0.00

12 17  7 75     13.0  215.5   19.26     0.00

13 17  7 75     14.1  225.6   19.31     0.00

14 17  7 75      6.5  279.3   15.85     0.00

15 17  7 75     11.8  216.8   19.30     0.00

16 17  7 75     12.2  222.2   20.03     0.00

17 17  7 75     12.0  229.8   20.78     0.00

18 17  7 75     11.9  224.8   20.29     0.00

19 17  7 75     10.7  223.8   18.92     0.00

20 17  7 75      8.5  203.8   18.48     0.00

21 17  7 75     10.4  211.7   18.15     0.00

22 17  7 75     11.3  203.5   17.83     0.00

23 17  7 75     10.8  212.0   17.91     0.00
```

```
RIO BLANCO OIL SHALE PROJECT  SITE  TWO

           METEOROLOGICAL  DATA
HR DY MO YR       WS10  WDR10    AT10     PREC
++ ++ ++ ++     +--------------------------------+

 0 18  7 75     11.9  210.8    18.11     0.00

 1 18  7 75     13.7  203.0    18.07     0.00

 2 18  7 75     13.4  213.4    17.96     0.00

 3 18  7 75     13.0  230.2    17.20     0.00

 4 18  7 75      9.5  258.2    15.76     0.00

 5 18  7 75      3.8    6.9    15.47     0.00

 6 18  7 75      3.9  253.5    16.50     0.00

 7 18  7 75      4.7  249.7    17.59     0.00

 8 18  7 75      7.6  236.2    18.67     0.00

 9 18  7 75      8.3  258.1    19.58     0.00

10 18  7 75      9.8  266.5    20.80     0.00

11 18  7 75      8.4  229.3    21.52     0.00

12 18  7 75      7.0  253.9    21.76     0.00

13 18  7 75     11.0  220.5    22.39     0.00

14 18  7 75     10.0  211.9    22.57     0.00

15 18  7 75      6.4  225.3    23.28     0.00

16 18  7 75      2.0  177.6    22.64     0.00

17 18  7 75      6.4  192.2    22.50     0.00

18 18  7 75      8.5  195.4    23.15     0.00

19 18  7 75      8.9  211.4    21.52     0.00

20 18  7 75     10.6  210.9    20.77     0.00

21 18  7 75     12.0  219.9    20.69     0.00

22 18  7 75      7.6  249.9    19.12     0.00

23 18  7 75      5.4  276.1    19.26     0.00
```

RIO BLANCO OIL SHALE PROJECT SITE TWO

```
                METEOROLOGICAL DATA
HR DY MO YR      WS10  WDR10    AT10      PREC
++ ++ ++ ++     +-------------------------------+

 0 19  7 75      5.8   306.8    18.11      0.00

 1 19  7 75      2.9   280.2    17.40      0.00

 2 19  7 75      5.8   277.3    16.75      0.00

 3 19  7 75      4.5   285.8    16.30      0.00

 4 19  7 75      4.7   264.9    17.10      0.00

 5 19  7 75      5.3   267.7    17.07      0.00

 6 19  7 75      4.4   264.7    17.98      0.00

 7 19  7 75      1.7   110.9    19.89      0.00

 8 19  7 75      2.3   250.3    21.44      0.00

 9 19  7 75      4.5   117.1    22.31      0.00

10 19  7 75      4.1   176.8    22.90      0.00

11 19  7 75      5.1   284.0    23.47      0.00

12 19  7 75      6.2   199.1    24.42      0.00

13 19  7 75      4.7   221.5    25.30      0.00

14 19  7 75      5.3   341.8    26.02      0.00

15 19  7 75      8.7     1.3    25.83      0.00

16 19  7 75      6.8    46.2    26.39      0.00

17 19  7 75      9.5   317.1    25.66      0.00

18 19  7 75      6.9   336.3    25.53      0.00

19 19  7 75      4.9   314.1    24.90      0.00

20 19  7 75      4.5   271.5    21.75      0.00

21 19  7 75      4.9   279.4    20.86      0.00

22 19  7 75      4.4   312.9    20.01      0.00

23 19  7 75      4.8   275.9    19.38      0.00
```

```
RIO BLANCO OIL SHALE PROJECT  SITE  TWO

              METEOROLOGICAL  DATA
HR DY MO YR      WS10  WDR10    AT10     PREC
++ ++ ++ ++     +--------------------------------+

 0 20  7 75      3.8  275.1   19.94     0.00

 1 20  7 75      5.7  259.7   19.47     0.00

 2 20  7 75      4.6  280.4   19.15     0.00

 3 20  7 75      5.9  290.7   18.19     0.00

 4 20  7 75      4.8  233.3   17.66     0.00

 5 20  7 75      4.0  311.7   18.00     0.00

 6 20  7 75      2.6  282.7   17.14     0.00

 7 20  7 75      2.3  288.6   17.65     0.00

 8 20  7 75      3.4    0.3   18.51     0.00

 9 20  7 75      4.4   45.1   21.05     0.00

10 20  7 75      8.2   39.8   22.68     0.00

11 20  7 75      7.2   61.7   24.24     0.00

12 20  7 75      2.6   88.4   23.69     0.00

13 20  7 75      5.1  238.8   24.22     0.00

14 20  7 75     19.0  299.8   22.09     0.00

15 20  7 75     13.4  274.2   24.68     0.00

16 20  7 75     11.4  276.0   25.41     0.00

17 20  7 75     16.0  354.3   24.08     0.00

18 20  7 75      8.7   32.2   21.28     0.00

19 20  7 75      9.0   74.5   20.32     0.00

20 20  7 75      7.2  140.6   18.98     0.00

21 20  7 75      4.7  144.1   18.49     0.00

22 20  7 75      2.4  205.9   17.04     0.00

23 20  7 75      4.0  270.5   16.89     0.00
```

```
 RIO BLANCO OIL SHALE PROJECT  SITE  TWO

                  METEOROLOGICAL  DATA
 HR  DY  MO  YR     WS10   WDR10    AT10     PREC
 ++  ++  ++  ++    +-------------------------------+

  0  21   7  75      5.2   312.8    15.82     0.00

  1  21   7  75      5.8   273.5    13.66     0.00

  2  21   7  75      7.8   237.1    15.03     0.00

  3  21   7  75      3.0   271.6    14.88     0.00

  4  21   7  75      3.5   257.7    14.68     0.00

  5  21   7  75      3.1   159.7    15.47     0.00

  6  21   7  75      3.8   111.5    15.67     0.00

  7  21   7  75      3.2   173.8    16.29     0.00

  8  21   7  75      3.0   261.8    18.13     0.00

  9  21   7  75      4.4   247.4    20.94     0.00

 10  21   7  75      4.6   258.1    21.59     0.00

 11  21   7  75      5.9   276.6    22.35     0.00

 12  21   7  75      7.8   299.7    23.12     0.00

 13  21   7  75      9.6   283.7    24.23     0.00

 14  21   7  75      6.9   111.1    25.43     0.00

 15  21   7  75      8.0    99.9    24.38     0.00

 16  21   7  75     11.2   278.0    24.57     0.00

 17  21   7  75     17.5   272.1    19.32     0.00

 18  21   7  75     10.7   299.6    19.69     0.00

 19  21   7  75      6.9   262.1    18.83     0.00

 20  21   7  75      7.9   167.2    18.34     0.00

 21  21   7  75      5.2   167.3    17.85     0.00

 22  21   7  75      6.7   188.5    19.03     0.00

 23  21   7  75      8.9   225.4    17.96     0.00
```

```
RIO BLANCO OIL SHALE PROJECT  SITE  TWO

              METEOROLOGICAL DATA
HR DY MO YR      WS10  WDR10   AT10     PREC
++ ++ ++ ++     +-----------------------------+

 0 22  7 75      3.9  215.1   15.70     0.00

 1 22  7 75      2.6  306.1   14.99     0.00

 2 22  7 75      4.8  263.1   14.93     0.00

 3 22  7 75      4.4  254.2   14.97     0.00

 4 22  7 75      3.3  274.8   14.63     0.00

 5 22  7 75      3.1  295.7   14.90     0.00

 6 22  7 75      6.0  340.1   15.78     0.00

 7 22  7 75      4.7  114.1   16.87     0.00

 8 22  7 75      4.9  141.9   18.38     0.00

 9 22  7 75      4.5  118.1   21.22     0.00

10 22  7 75      6.6  257.5   22.51     0.00

11 22  7 75     12.5  304.6   23.16     0.00

12 22  7 75     11.3  299.1   23.66     0.00

13 22  7 75     13.1  303.4   24.46     0.00

14 22  7 75     14.4  213.6   23.77     0.00

15 22  7 75     10.2  258.7   24.47     0.00

16 22  7 75      3.6  238.4   25.71     0.00

17 22  7 75      6.9  257.0   25.91     0.00

18 22  7 75      7.6  356.4   25.37     0.00

19 22  7 75      5.1  319.9   24.72     0.00

20 22  7 75      6.0  267.3   20.46     0.00

21 22  7 75      5.1   34.4   20.00     0.00

22 22  7 75      1.2  188.4   17.62     0.00

23 22  7 75      3.7  238.1   18.95     0.00
```

```
RIO BLANCO OIL SHALE PROJECT  SITE  TWO

               METEOROLOGICAL DATA
HR DY MO YR     WS10  WDR10   AT10    PREC
++ ++ ++ ++    +------------------------------+

 0 23  7 75     5.3  262.6   18.52    0.00

 1 23  7 75     4.1  353.2   18.04    0.00

 2 23  7 75     4.0  295.4   16.67    0.00

 3 23  7 75     3.4  238.1   16.35    0.00

 4 23  7 75     4.5   41.0   16.41    0.00

 5 23  7 75     3.1  272.0   15.40    0.00

 6 23  7 75     3.4  279.2   15.90    0.00

 7 23  7 75     3.4  325.4   17.66    0.00

 8 23  7 75     2.3  285.9   19.32    0.00

 9 23  7 75     4.0   16.0   20.68    0.00

10 23  7 75     6.0  324.4   22.02    0.00

11 23  7 75     6.9   20.4   22.08    0.00

12 23  7 75    12.8  346.7   22.34    0.00

13 23  7 75     9.7  322.6   23.49    0.00

14 23  7 75    10.4  300.2   24.11    0.00

15 23  7 75    12.4  331.0   24.70    0.00

16 23  7 75    13.6  331.5   25.09    0.00

17 23  7 75    12.0  357.5   24.86    0.00

18 23  7 75    11.2  360.0   24.01    0.00

19 23  7 75     5.9  336.6   23.67    0.00

20 23  7 75     5.6  292.8   19.78    0.00

21 23  7 75     5.8  291.7   19.05    0.00

22 23  7 75     4.4  286.1   18.62    0.00

23 23  7 75     4.4  292.4   17.55    0.00
```

```
RIO BLANCO OIL SHALE PROJECT  SITE  TWO

              METEOROLOGICAL  DATA
HR DY MO YR     WS10  WDR10   AT10    PREC
++ ++ ++ ++    +-------------------------------+

 0 24  7 75      3.9  281.1   17.20    0.00

 1 24  7 75      1.4  193.7   16.04    0.00

 2 24  7 75      1.5  318.2   16.02    0.00

 3 24  7 75      6.7  273.2   15.52    0.00

 4 24  7 75      2.2  297.1   16.49    0.00

 5 24  7 75      2.3   95.7   14.92    0.00

 6 24  7 75      2.2  220.0   15.74    0.00

 7 24  7 75      2.5  329.0   17.98    0.00

 8 24  7 75      6.2   45.7   17.61    0.00

 9 24  7 75      4.4   18.2   19.40    0.00

10 24  7 75      6.1   18.2   21.04    0.00

11 24  7 75      5.9  353.7   22.72    0.00

12 24  7 75      8.4  337.1   23.25    0.00

13 24  7 75     13.1  325.7   23.95    0.00

14 24  7 75     13.2  301.9   24.11    0.00

15 24  7 75      6.7  328.5   25.03    0.00

16 24  7 75     11.5  319.3   25.05    0.00

17 24  7 75      7.6  309.8   25.02    0.00

18 24  7 75      9.3  347.4   23.92    0.00

19 24  7 75      6.6  338.2   23.77    0.00

20 24  7 75      7.7  293.6   20.04    0.00

21 24  7 75      1.9  274.0   20.26    0.00

22 24  7 75      3.3  195.4   19.42    0.00

23 24  7 75      5.8  255.8   19.09    0.00
```

```
 RIO BLANCO OIL SHALE PROJECT  SITE  TWO

                METEOROLOGICAL DATA
HR DY MO YR      WS10  WDR10   AT10    PREC
++ ++ ++ ++    +-------------------------------+

 0 25  7 75      4.0  268.1   19.06    0.00

 1 25  7 75      3.4  265.6   19.27    0.00

 2 25  7 75      4.5  283.6   16.69    0.00

 3 25  7 75      4.9  291.9   16.61    0.00

 4 25  7 75      2.9   92.3   15.78    0.00

 5 25  7 75      4.0  259.8   16.11    0.00

 6 25  7 75      3.7  274.9   16.70    0.00

 7 25  7 75      0.6  298.5   19.12    0.00

 8 25  7 75      3.6   62.0   19.27    0.00

 9 25  7 75      4.3    9.4   20.16    0.00

10 25  7 75      5.3   22.6   20.85    0.00

11 25  7 75      7.6   67.0   23.04    0.00

12 25  7 75      7.1   73.3   22.34    0.00

13 25  7 75     11.8  191.2   20.99    0.00

14 25  7 75      4.9   73.0   24.05    0.00

15 25  7 75     13.5  339.4   25.30    0.00

16 25  7 75     10.7  358.9   24.97    0.00

17 25  7 75     11.7  136.5   23.35    0.00

18 25  7 75      6.6  174.7   21.67    0.00

19 25  7 75      7.2  134.8   21.39    0.00

20 25  7 75      5.7  272.0   18.61    0.00

21 25  7 75      2.4  228.0   18.79    0.00

22 25  7 75      9.4  154.8   18.00    0.00

23 25  7 75      4.1  215.4   17.43    0.00
```

```
RIO BLANCO OIL SHALE PROJECT  SITE  TWO

               METEOROLOGICAL DATA
HR DY MO YR      WS10  WDR10    AT10      PREC
++ ++ ++ ++     +--------------------------------+

 0 26  7 75      3.5  266.8    16.85      0.00

 1 26  7 75      3.1  308.6    16.29      0.00

 2 26  7 75      3.6  310.5    15.32      0.00

 3 26  7 75      5.2  274.5    15.14      0.00

 4 26  7 75      2.3  322.4    14.77      0.00

 5 26  7 75      4.1  306.1    14.52      0.00

 6 26  7 75      3.5  284.1    14.51      0.00

 7 26  7 75      3.7  301.3    15.68      0.00

 8 26  7 75      3.6  304.9    19.75      0.00

 9 26  7 75      4.7   64.6    21.75      0.00

10 26  7 75      4.1   24.7    22.94      0.00

11 26  7 75      7.0   51.6    23.56      0.00

12 26  7 75      8.2   61.9    24.77      0.00

13 26  7 75      8.5   84.6    25.40      0.00

14 26  7 75      8.7   60.7    25.00      0.00

15 26  7 75      7.1   41.3    25.16      0.00

16 26  7 75     12.8  175.2    22.95      0.00

17 26  7 75      7.5  288.6    23.94      0.00

18 26  7 75      5.6   49.9    24.33      0.00

19 26  7 75      9.1   94.0    23.18      0.00

20 26  7 75     10.0  117.9    20.74      0.00

21 26  7 75      4.3  272.6    18.50      0.00

22 26  7 75      6.0  121.1    17.26      0.00

23 26  7 75      4.6  251.5    16.99      0.00
```

```
RIO BLANCO OIL SHALE PROJECT  SITE  TWO

            METEOROLOGICAL  DATA
HR DY MO YR     WS10  WDR10   AT10     PREC
++ ++ ++ ++    +-------------------------------+

 0 27  7 75     4.7  252.8   17.75     0.00

 1 27  7 75     3.8   58.8   15.85     0.00

 2 27  7 75     4.2  287.5   14.94     0.00

 3 27  7 75     4.9  272.4   15.54     0.00

 4 27  7 75     1.9   41.3   15.21     0.00

 5 27  7 75     3.8  299.0   14.24     0.00

 6 27  7 75     3.3  286.5   14.72     0.00

 7 27  7 75     1.3  285.1   17.91     0.00

 8 27  7 75     2.2   73.0   21.43     0.00

 9 27  7 75     5.4  177.7   22.04     0.00

10 27  7 75     7.4  160.1   22.89     0.00

11 27  7 75     5.4   81.8   23.57     0.00

12 27  7 75     3.6  306.5   23.74     0.00

13 27  7 75     7.0  173.2   25.86     0.00

14 27  7 75     8.9  125.1   25.73     0.00

15 27  7 75     8.7  200.2   25.84     0.00

16 27  7 75     5.0  209.0   26.12     0.00

17 27  7 75    10.9  232.1   22.98     0.00

18 27  7 75    11.8  230.9   22.73     0.00

19 27  7 75    10.9  216.5   22.87     0.00

20 27  7 75    11.7  217.7   21.91     0.00

21 27  7 75     9.1  171.6   20.00     0.00

22 27  7 75     5.6  121.4   18.53     0.00

23 27  7 75    10.8  181.2   19.14     0.00
```

```
RIO BLANCO OIL SHALE PROJECT  SITE  TWO

               METEOROLOGICAL  DATA
HR DY MO YR      WS10  WDR10    AT10     PREC
++ ++ ++ ++    +-------------------------------+

 0 28  7 75       9.0  221.8   18.90     0.00

 1 28  7 75       6.4  118.6   17.75     0.00

 2 28  7 75       4.7  336.8   16.80     0.00

 3 28  7 75       3.7   47.0   17.70     0.00

 4 28  7 75       7.9  180.5   17.65     0.00

 5 28  7 75       3.3  261.3   17.47     0.00

 6 28  7 75       3.9  283.0   18.07     0.00

 7 28  7 75       2.4  345.1   15.70     0.00

 8 28  7 75       2.4   63.4   21.73     0.00

 9 28  7 75       3.8  111.3   23.29     0.00

10 28  7 75       8.0  270.9   23.58     0.00

11 28  7 75      13.8  264.5   22.29     0.00

12 28  7 75     999.0  999.0  999.00     0.00

13 28  7 75     999.0  999.0  999.00     0.00

14 28  7 75     999.0  999.0  999.00     0.00

15 28  7 75     999.0  999.0  999.00     0.00

16 28  7 75     999.0  999.0  999.00     0.00

17 28  7 75     999.0  999.0  999.00     0.00

18 28  7 75     999.0  999.0  999.00     0.00

19 28  7 75     999.0  999.0  999.00     0.00

20 28  7 75     999.0  999.0  999.00     0.00

21 28  7 75     999.0  999.0  999.00     0.00

22 28  7 75      11.0  233.1   20.09     0.00

23 28  7 75      11.0  228.3   19.67     0.00
```

```
  RIO BLANCO OIL SHALE PROJECT  SITE  TWO

               METEOROLOGICAL  DATA
HR DY MO YR     WS10  WDR10   AT10     PREC
++ ++ ++ ++    +--------------------------------+

 0 29  7 75     12.5  235.9   18.73     0.00

 1 29  7 75     10.6  261.9   17.44     0.00

 2 29  7 75      3.7  136.8   17.82     0.00

 3 29  7 75     12.6  221.5   17.44     0.00

 4 29  7 75     15.0  233.8   17.61     0.00

 5 29  7 75     15.6  232.9   17.80     0.00

 6 29  7 75     16.5  218.0   17.60     0.00

 7 29  7 75     12.3  220.6   17.19     0.00

 8 29  7 75      8.3  235.7   17.22     0.00

 9 29  7 75     10.7  189.1   18.40     0.00

10 29  7 75      8.3  218.0   18.22     0.00

11 29  7 75     10.4  204.6   19.90     0.00

12 29  7 75     12.5  194.1   21.04     0.00

13 29  7 75     11.7  221.1   22.19     0.00

14 29  7 75     15.2  194.8   21.10     0.00

15 29  7 75     14.5  194.7   21.73     0.00

16 29  7 75     13.2  213.0   22.16     0.00

17 29  7 75     15.1  169.5   21.42     0.00

18 29  7 75     16.4  210.8   20.29     0.00

19 29  7 75     12.1  199.0   19.52     0.00

20 29  7 75     22.2  242.7   11.56     0.00

21 29  7 75     19.7  236.3   13.04     0.00

22 29  7 75     15.0  213.8   13.51     0.00

23 29  7 75     10.9  189.7   13.50     0.00
```

```
RIO BLANCO OIL SHALE PROJECT  SITE  TWO

            METEOROLOGICAL DATA
HR DY MO YR     WS10  WDR10    AT10     PREC
++ ++ ++ ++    +-------------------------------+

 0 30  7 75      8.8  203.8   12.70     0.00

 1 30  7 75      3.9  142.3   12.75     0.00

 2 30  7 75      4.2  117.5   12.35     0.00

 3 30  7 75      8.1  153.8   12.34     0.00

 4 30  7 75      3.2   74.4   11.64     0.00

 5 30  7 75      2.6  220.8   11.89     0.00

 6 30  7 75      3.3   82.2   12.50     0.00

 7 30  7 75      9.7  234.2   12.52     0.00

 8 30  7 75      8.6  270.5   11.38     0.00

 9 30  7 75      5.7  159.6   12.23     0.00

10 30  7 75    999.0  999.0  999.00     0.00

11 30  7 75      9.1  255.5   16.63     0.00

12 30  7 75      7.3  217.4   18.11     0.00

13 30  7 75     13.1  199.2   19.08     0.00

14 30  7 75     14.4  208.8   19.78     0.00

15 30  7 75     13.2  216.5   20.46     0.00

16 30  7 75     13.6  205.5   20.69     0.00

17 30  7 75     14.4  209.9   20.38     0.00

18 30  7 75     14.8  211.8   20.17     0.00

19 30  7 75     10.8  205.8   18.72     0.00

20 30  7 75      9.7  194.3   16.54     0.00

21 30  7 75     10.0  214.3   15.77     0.00

22 30  7 75     11.3  105.8   15.96     0.00

23 30  7 75     11.9  213.4   15.98     0.00
```

```
RIO BLANCO OIL SHALE PROJECT  SITE  TWO

              METEOROLOGICAL DATA
HR DY MO YR     WS10  WDR10   AT10     PREC
++ ++ ++ ++    +-------------------------------+

 0 31  7 75     11.0  219.3   15.63     0.00

 1 31  7 75     13.9  218.7   15.89     0.00

 2 31  7 75     13.3  213.2   16.12     0.00

 3 31  7 75     15.6  223.8   15.85     0.00

 4 31  7 75     13.1  227.1   15.16     0.00

 5 31  7 75     10.4  254.7   13.75     0.00

 6 31  7 75      9.5  248.7   13.31     0.00

 7 31  7 75      3.3  107.1   13.13     0.00

 8 31  7 75      4.6  112.8   14.76     0.00

 9 31  7 75      4.6  112.7   17.21     0.00

10 31  7 75     10.0  172.6   19.11     0.00

11 31  7 75     10.4  202.1   19.98     0.00

12 31  7 75     12.7  195.2   20.59     0.00

13 31  7 75     12.1  303.0   18.82     0.00

14 31  7 75     11.8  283.3   19.42     0.00

15 31  7 75     10.5  293.9   20.30     0.00

16 31  7 75     11.5  262.3   21.26     0.00

17 31  7 75     10.5  288.3   20.38     0.00

18 31  7 75      6.2  239.3   19.65     0.00

19 31  7 75      8.9  269.9   18.13     0.00

20 31  7 75     16.4  300.4   14.28     0.00

21 31  7 75     30.1  296.0   12.90     0.00

22 31  7 75     16.5  264.9   13.31     0.00

23 31  7 75     19.3  286.0   16.99     0.00
```

```
RIO BLANCO OIL SHALE PROJECT  SITE  TWO

                METEOROLOGICAL  DATA
HR DY MO YR       WS10  WDR10   AT10     PREC
++ ++ ++ ++     +--------------------------------+

 0  1  8 75        7.6  329.9   13.72     0.00

 1  1  8 75        8.8  345.2   13.71     0.00

 2  1  8 75        6.8  330.8   13.58     0.00

 3  1  8 75        4.4   14.4   12.08     0.00

 4  1  8 75        4.3  324.8   10.96     0.00

 5  1  8 75        1.9  177.6   10.88     0.00

 6  1  8 75        4.0  283.3    9.97     0.00

 7  1  8 75        4.9  337.5   11.45     0.00

 8  1  8 75        6.7   59.3   13.19     0.00

 9  1  8 75        8.2   66.8   14.27     0.00

10  1  8 75        5.7   15.4   15.50     0.00

11  1  8 75        7.1  358.3   16.11     0.00

12  1  8 75        5.7  285.9   17.36     0.00

13  1  8 75        7.6  285.9   19.02     0.00

14  1  8 75       12.7  267.6   19.54     0.00

15  1  8 75       14.2  290.4   19.75     0.00

16  1  8 75       12.5  312.7   20.04     0.00

17  1  8 75       11.9  309.7   20.03     0.00

18  1  8 75       11.2  284.7   20.03     0.00

19  1  8 75        5.4  293.3   19.73     0.00

20  1  8 75        6.6  260.8   14.65     0.00

21  1  8 75        5.3  270.9   15.24     0.00

22  1  8 75        4.3  263.6   15.73     0.00

23  1  8 75        5.8  260.9   15.77     0.00
```

```
RIO BLANCO OIL SHALE PROJECT  SITE  TWO

               METEOROLOGICAL DATA
HR DY MO YR      WS10  WDR10   AT10     PREC
++ ++ ++ ++     +-----------------------------+

 0  2  8 75       4.7  304.1   13.49    0.00

 1  2  8 75       6.4  264.6   13.79    0.00

 2  2  8 75       5.1  291.9   12.56    0.00

 3  2  8 75       6.0  271.3   12.42    0.00

 4  2  8 75       6.1  257.0   12.17    0.00

 5  2  8 75       5.1  273.5   12.07    0.00

 6  2  8 75       4.4  279.9   11.97    0.00

 7  2  8 75       2.2  293.0   14.05    0.00

 8  2  8 75       3.4  116.8   15.98    0.00

 9  2  8 75       5.9   70.6   16.27    0.00

10  2  8 75       5.9   83.6   17.86    0.00

11  2  8 75      10.5  285.8   19.13    0.00

12  2  8 75      10.6  288.9   20.15    0.00

13  2  8 75      10.1  279.6   20.75    0.00

14  2  8 75      12.0  311.3   21.42    0.00

15  2  8 75      12.0  311.3   21.42    0.00

16  2  8 75      12.0  311.3   21.42    0.00

17  2  8 75      12.0  311.3   21.42    0.00

18  2  8 75      12.0  311.3   21.42    0.00

19  2  8 75      12.0  311.3   21.42    0.00

20  2  8 75      12.0  311.3   21.42    0.00

21  2  8 75      12.0  311.3   21.42    0.00

22  2  8 75      12.0  311.3   21.42    0.00

23  2  8 75      12.0  311.3   21.42    0.00
```

```
RIO BLANCO OIL SHALE PROJECT  SITE  TWO

              METEOROLOGICAL  DATA
HR DY MO YR     WS10  WDR10   AT10     PREC
++ ++ ++ ++   +--------------------------------+

 0  3  8 75     12.0  311.3   21.42     0.00

 1  3  8 75     12.0  311.3   21.42     0.00

 2  3  8 75     12.0  311.3   21.42     0.00

 3  3  8 75     12.0  311.3   21.42     0.00

 4  3  8 75     12.0  311.3   21.42     0.00

 5  3  8 75     12.0  311.3   21.42     0.00

 6  3  8 75     12.0  311.3   21.42     0.00

 7  3  8 75     12.0  311.3   21.42     0.00

 8  3  8 75     12.0  311.3   21.42     0.00

 9  3  8 75     12.0  311.3   21.42     0.00

10  3  8 75     12.0  311.3   21.42     0.00

11  3  8 75     12.0  311.3   21.42     0.00

12  3  8 75     12.0  311.3   21.42     0.00

13  3  8 75     12.0  311.3   21.42     0.00

14  3  8 75     12.0  311.3   21.42     0.00

15  3  8 75     12.0  311.3   21.42     0.00

16  3  8 75     12.0  311.3   21.42     0.00

17  3  8 75     12.0  311.3   21.42     0.00

18  3  8 75     12.0  311.3   21.42     0.00

19  3  8 75     12.0  311.3   21.42     0.00

20  3  8 75     12.0  311.3   21.42     0.00

21  3  8 75     12.0  311.3   21.42     0.00

22  3  8 75     12.0  311.3   21.42     0.00

23  3  8 75     12.0  311.3   21.42     0.00
```

```
RIO BLANCO OIL SHALE PROJECT  SITE  TWO

              METEOROLOGICAL  DATA
HR DY MO YR      WS10  WDR10    AT10      PREC
++ ++ ++ ++    +--------------------------------+

 0  4  8 75     12.0  311.3    21.42      0.00

 1  4  8 75     12.0  311.3    21.42      0.00

 2  4  8 75     12.0  311.3    21.42      0.00

 3  4  8 75     12.0  311.3    21.42      0.00

 4  4  8 75     12.0  311.3    21.42      0.00

 5  4  8 75     12.0  311.3    21.42      0.00

 6  4  8 75     12.0  311.3    21.42      0.00

 7  4  8 75     12.0  311.3    21.42      0.00

 8  4  8 75     12.0  311.3    21.42      0.00

 9  4  8 75     12.0  311.3    21.42      0.00

10  4  8 75     12.0  311.3    21.42      0.00

11  4  8 75     12.0  311.3    21.42      0.00

12  4  8 75     12.2  309.5    23.32      0.00

13  4  8 75      8.3  280.9    24.67      0.00

14  4  8 75      9.2  295.9    25.32      0.00

15  4  8 75     11.3  300.0    25.76      0.00

16  4  8 75     11.2  330.8    26.14      0.00

17  4  8 75      6.8  338.5    26.08      0.00

18  4  8 75      7.5  330.1    25.88      0.00

19  4  8 75      5.0  295.7    24.15      0.00

20  4  8 75      5.9  269.9    21.16      0.00

21  4  8 75      5.6  258.1    21.72      0.00

22  4  8 75      3.7  249.9    21.88      0.00

23  4  8 75      3.8  269.4    20.31      0.00
```

```
RIO BLANCO OIL SHALE PROJECT  SITE  TWO

           METEOROLOGICAL DATA
HR DY MO YR     WS10  WDR10    AT10     PREC
++ ++ ++ ++    +-------------------------------+

 0  5  8 75     11.6  219.8    21.83    0.00

 1  5  8 75      8.1  252.8    20.69    0.00

 2  5  8 75      8.5  259.8    19.97    0.00

 3  5  8 75      5.1  271.4    18.56    0.00

 4  5  8 75      2.5  240.6    18.56    0.00

 5  5  8 75      4.9  132.5    18.41    0.00

 6  5  8 75      3.1  289.5    18.93    0.00

 7  5  8 75      3.7  104.3    20.61    0.00

 8  5  8 75      4.9   87.7    22.36    0.00

 9  5  8 75      5.2  250.9    24.66    0.00

10  5  8 75      8.5  239.3    25.23    0.00

11  5  8 75     11.2  243.6    26.54    0.00

12  5  8 75      8.6  294.1    26.46    0.00

13  5  8 75      6.2  270.9    26.04    0.00

14  5  8 75      9.8  249.6    26.64    0.00

15  5  8 75     11.7  255.4    26.66    0.00

16  5  8 75      3.4  221.9    26.70    0.00

17  5  8 75     10.5  221.0    26.95    0.00

18  5  8 75      8.9  232.0    26.03    0.00

19  5  8 75     10.4  214.3    24.21    0.00

20  5  8 75     12.0  215.7    23.14    0.00

21  5  8 75     13.6  222.0    23.26    0.00

22  5  8 75     14.9  223.7    23.40    0.00

23  5  8 75     10.4  260.0    20.69    0.00
```

```
RIO BLANCO OIL SHALE PROJECT  SITE  TWO

              METEOROLOGICAL DATA
HR DY MO YR     WS10  WDR10    AT10     PREC
++ ++ ++ ++   +--------------------------------+

 0  6  8 75     11.8  244.5    21.14    0.00

 1  6  8 75      9.8  253.4    21.86    0.00

 2  6  8 75     10.4  249.7    21.37    0.00

 3  6  8 75     10.5  256.7    19.70    0.00

 4  6  8 75     13.5  237.7    20.54    0.00

 5  6  8 75     11.6  233.5    20.58    0.00

 6  6  8 75      9.7  257.9    19.36    0.00

 7  6  8 75      8.6  256.1    21.09    0.00

 8  6  8 75     11.1  246.0    23.07    0.00

 9  6  8 75     13.5  253.3    23.78    0.00

10  6  8 75     10.6  233.7    24.83    0.00

11  6  8 75      9.7  206.2    25.74    0.00

12  6  8 75      7.7  319.6    24.92    0.00

13  6  8 75     15.6  298.3    21.28    0.00

14  6  8 75      9.9  272.8    24.34    0.00

15  6  8 75     10.5  265.3    26.12    0.00

16  6  8 75      8.9  212.2    25.96    0.00

17  6  8 75     14.9  254.1    25.81    0.00

18  6  8 75      7.4  265.8    24.70    0.00

19  6  8 75     10.3  275.9    24.09    0.00

20  6  8 75     10.6  233.1    22.91    0.00

21  6  8 75      9.7  215.3    22.55    0.00

22  6  8 75     10.8  216.7    21.62    0.00

23  6  8 75     12.4  215.9    21.15    0.00
```

```
RIO BLANCO OIL SHALE PROJECT  SITE  TWO

           METEOROLOGICAL  DATA
HR DY MO YR     WS10  WDR10   AT10     PREC
++ ++ ++ ++    +------------------------------+

 0  7  8 75     13.4  204.3   20.71     0.00

 1  7  8 75     14.9  207.1   20.71     0.00

 2  7  8 75     13.7  215.3   20.94     0.00

 3  7  8 75     18.5  234.2   21.26     0.00

 4  7  8 75     18.4  228.5   20.93     0.00

 5  7  8 75     18.6  225.4   20.87     0.00

 6  7  8 75     16.0  218.8   20.15     0.00

 7  7  8 75     16.3  213.6   21.39     0.00

 8  7  8 75     15.9  226.2   22.09     0.00

 9  7  8 75     17.0  221.9   23.31     0.00

10  7  8 75     17.4  220.2   23.63     0.00

11  7  8 75     16.2  227.9   24.41     0.00

12  7  8 75     14.4  213.3   25.21     0.00

13  7  8 75     14.6  238.4   25.66     0.00

14  7  8 75     19.0  250.3   26.21     0.00

15  7  8 75     18.0  210.1   26.81     0.00

16  7  8 75     11.7  207.7   26.97     0.00

17  7  8 75      7.4  305.2   24.79     0.00

18  7  8 75      7.7  168.3   22.93     0.00

19  7  8 75      8.3  211.5   22.33     0.00

20  7  8 75     11.9  229.7   21.48     0.00

21  7  8 75     19.0  279.9   21.97     0.00

22  7  8 75     15.9  292.1   20.95     0.00

23  7  8 75      5.2  328.0   18.79     0.00
```

```
 RIO BLANCO OIL SHALE PROJECT  SITE  TWO

              METEOROLOGICAL DATA
HR DY MO YR     WS10  WDR10   AT10    PREC
++ ++ ++ ++    +-------------------------------+

 0  8  8 75      3.4  238.3   18.27    0.00

 1  8  8 75      4.1  232.7   17.08    0.00

 2  8  8 75      5.3  294.8   15.75    0.00

 3  8  8 75      5.7  283.8   14.95    0.00

 4  8  8 75      3.6  265.7   14.90    0.00

 5  8  8 75      1.5  234.0   13.60    0.00

 6  8  8 75      3.4  211.1   14.09    0.00

 7  8  8 75      0.9  279.7   16.16    0.00

 8  8  8 75      3.1   64.0   18.70    0.00

 9  8  8 75      3.3   89.2   20.20    0.00

10  8  8 75      5.6  268.6   22.17    0.00

11  8  8 75      9.8  281.5   23.30    0.00

12  8  8 75     13.2  298.0   24.19    0.00

13  8  8 75     12.4  285.3   24.36    0.00

14  8  8 75     12.0  302.8   24.76    0.00

15  8  8 75      9.5  289.4   25.42    0.00

16  8  8 75     14.8  301.9   25.67    0.00

17  8  8 75     14.9  295.5   25.23    0.00

18  8  8 75     14.2  306.4   25.32    0.00

19  8  8 75     11.2  313.0   23.18    0.00

20  8  8 75      8.7  297.7   20.43    0.00

21  8  8 75      6.9  292.7   20.19    0.00

22  8  8 75      4.8  347.5   20.16    0.00

23  8  8 75      5.0  274.5   19.27    0.00
```

```
RIO BLANCO OIL SHALE PROJECT  SITE  TWO

             METEOROLOGICAL  DATA
HR  DY  MO  YR      WS10  WDR10    AT10     PREC
++  ++  ++  ++     +-------------------------------+

 0   9   8  75      4.8   276.3   19.33     0.00

 1   9   8  75      3.2   290.3   19.02     0.00

 2   9   8  75      4.3   280.6   18.66     0.00

 3   9   8  75      3.8   280.8   17.61     0.00

 4   9   8  75      4.3   264.9   18.02     0.00

 5   9   8  75      3.5     0.1   16.79     0.00

 6   9   8  75      2.7   264.2   16.55     0.00

 7   9   8  75      2.6   263.8   17.68     0.00

 8   9   8  75      3.6    91.6   20.22     0.00

 9   9   8  75      7.3    34.9   21.04     0.00

10   9   8  75      4.2    23.4   22.20     0.00

11   9   8  75      4.3   296.2   23.78     0.00

12   9   8  75      6.7   304.0   25.33     0.00

13   9   8  75      8.8   243.0   25.96     0.00

14   9   8  75      7.7   310.0   26.38     0.00

15   9   8  75      7.2   341.0   26.85     0.00

16   9   8  75     12.3   313.8   26.25     0.00

17   9   8  75     11.7   332.4   26.25     0.00

18   9   8  75     10.6   337.9   25.91     0.00

19   9   8  75      5.1   290.1   22.82     0.00

20   9   8  75      5.5   266.2   21.36     0.00

21   9   8  75      5.5   266.1   22.08     0.00

22   9   8  75      5.0   272.9   21.98     0.00

23   9   8  75      5.3   264.2   21.91     0.00
```

```
RIO BLANCO OIL SHALE PROJECT  SITE  TWO

              METEOROLOGICAL DATA
HR DY MO YR      WS10  WDR10    AT10     PREC
++ ++ ++ ++   +--------------------------------+

 0 10  8 75      4.2  275.2    21.27     0.00

 1 10  8 75      5.6  246.0    22.13     0.00

 2 10  8 75      7.1  254.9    20.55     0.00

 3 10  8 75      5.1  298.9    19.74     0.00

 4 10  8 75      3.0  316.2    18.05     0.00

 5 10  8 75      2.2  339.3    17.51     0.00

 6 10  8 75      1.9  337.0    18.58     0.00

 7 10  8 75      2.5  148.2    18.86     0.00

 8 10  8 75      1.7  308.1    22.00     0.00

 9 10  8 75      8.6  240.2    23.00     0.00

10 10  8 75      8.9  246.2    23.89     0.00

11 10  8 75     11.8  263.0    24.99     0.00

12 10  8 75     14.0  248.3    25.86     0.00

13 10  8 75      8.0  241.6    25.24     0.00

14 10  8 75     19.9  249.5    19.09     0.00

15 10  8 75     14.1  210.9    20.73     0.00

16 10  8 75     11.6  128.8    21.66     0.00

17 10  8 75      9.1  138.5    22.09     0.00

18 10  8 75      4.6  316.1    20.83     0.00

19 10  8 75      4.7  193.7    20.14     0.00

20 10  8 75     11.5  233.4    19.99     0.00

21 10  8 75     12.4  238.3    20.26     0.00

22 10  8 75      9.1  226.0    20.35     0.00

23 10  8 75     16.2  256.3    19.66     0.00
```

```
RIO BLANCO OIL SHALE PROJECT  SITE  TWO

              METEOROLOGICAL  DATA
HR DY MO YR      WS10  WDR10   AT10     PREC
++ ++ ++ ++     +-------------------------------+

 0 11  8 75     15.7  257.4   18.70     0.00

 1 11  8 75     15.1  259.3   19.10     0.00

 2 11  8 75     13.9  252.5   19.05     0.00

 3 11  8 75      4.2   69.4   18.18     0.00

 4 11  8 75      7.3  133.7   18.03     0.00

 5 11  8 75      8.9  236.0   17.68     0.00

 6 11  8 75      5.3  293.1   17.15     0.00

 7 11  8 75      6.4  239.5   18.30     0.00

 8 11  8 75      7.6  268.2   18.87     0.00

 9 11  8 75     10.3  258.9   18.89     0.00

10 11  8 75     12.9  276.1   19.78     0.00

11 11  8 75     10.7  294.7   19.85     0.00

12 11  8 75      7.5  316.6   20.37     0.00

13 11  8 75      7.0  257.2   20.17     0.00

14 11  8 75     14.1  152.7   19.25     0.00

15 11  8 75     13.6  135.8   20.44     0.00

16 11  8 75     13.9  125.6   20.31     0.00

17 11  8 75     11.6  134.4   21.01     0.00

18 11  8 75      7.4  125.0   19.85     0.00

19 11  8 75      5.9  196.6   19.04     0.00

20 11  8 75     36.7  285.3   12.86     0.00

21 11  8 75     10.2  324.8   12.31     0.00

22 11  8 75      4.9  131.3   11.53     0.00

23 11  8 75      4.8  172.1   10.46     0.00
```

```
   RIO BLANCO OIL SHALE PROJECT  SITE  TWO

                 METEOROLOGICAL  DATA
  HR DY MO YR      WS10  WDR10   AT10     PREC
  ++ ++ ++ ++    +-------------------------------+

   0 12  8 75      3.3  256.5   10.06     0.00

   1 12  8 75      6.9  245.5   11.09     0.00

   2 12  8 75      4.8  252.7   11.34     0.00

   3 12  8 75      6.6  227.6   13.10     0.00

   4 12  8 75      3.1  288.6   12.23     0.00

   5 12  8 75      3.3   60.3    9.77     0.00

   6 12  8 75      4.6  285.8    9.65     0.00

   7 12  8 75      3.8  212.5   14.76     0.00

   8 12  8 75      2.7   94.4   15.90     0.00

   9 12  8 75      4.9   80.6   17.97     0.00

  10 12  8 75      4.7   12.4   19.46     0.00

  11 12  8 75      4.8  214.6   20.67     0.00

  12 12  8 75      4.2   62.1   21.07     0.00

  13 12  8 75      4.7   75.9   21.39     0.00

  14 12  8 75      6.9  320.1   21.01     0.00

  15 12  8 75      9.2  193.4   19.85     0.00

  16 12  8 75      4.1  183.4   16.32     0.00

  17 12  8 75     18.3  305.6   13.59     0.00

  18 12  8 75      7.1  318.7   17.28     0.00

  19 12  8 75      4.0  141.2   15.99     0.00

  20 12  8 75      3.4   39.8   14.68     0.00

  21 12  8 75     10.0  179.5   13.27     0.00

  22 12  8 75      9.4  178.1   12.75     0.00

  23 12  8 75      7.2  197.2   13.91     0.00
```

```
RIO BLANCO OIL SHALE PROJECT  SITE  TWO

            METEOROLOGICAL  DATA
HR DY MO YR     WS10  WDR10   AT10     PREC
++ ++ ++ ++    +------------------------------+

 0 13  8 75     2.2  285.5   13.46     0.00

 1 13  8 75     4.5  271.1   13.31     0.00

 2 13  8 75     5.1  274.0   12.75     0.00

 3 13  8 75     5.1  281.9   12.20     0.00

 4 13  8 75     6.0  295.9   12.19     0.00

 5 13  8 75     2.3   37.5   11.89     0.00

 6 13  8 75     3.4  286.2   12.21     0.00

 7 13  8 75     3.2  149.8   13.27     0.00

 8 13  8 75     2.6  107.5   14.68     0.00

 9 13  8 75     2.0  321.4   16.22     0.00

10 13  8 75     6.8  256.8   17.90     0.00

11 13  8 75    11.9  266.2   18.35     0.00

12 13  8 75    12.9  289.1   17.77     0.00

13 13  8 75     7.4  240.9   17.16     0.00

14 13  8 75    11.2  249.2   18.68     0.00

15 13  8 75    12.5  283.6   19.48     0.00

16 13  8 75    10.8  320.6   18.42     0.00

17 13  8 75    28.4  267.5   12.07     0.00

18 13  8 75    10.9  282.5   11.85     0.00

19 13  8 75    13.7  274.2   13.56     0.00

20 13  8 75    10.1  253.3   13.76     0.00

21 13  8 75     5.4  184.1   12.92     0.00

22 13  8 75     6.9  257.7   12.67     0.00

23 13  8 75     4.9  279.6   11.57     0.00
```

```
RIO BLANCO OIL SHALE PROJECT  SITE  TWO

               METEOROLOGICAL  DATA
HR DY MO YR     WS10  WDR10    AT10     PREC
++ ++ ++ ++    +--------------------------------+

 0 14  8 75      8.5  253.6   12.01     0.00

 1 14  8 75     11.3  258.8   11.83     0.00

 2 14  8 75      4.9  269.7   11.53     0.00

 3 14  8 75      4.0  268.7   11.96     0.00

 4 14  8 75      2.7  253.0   11.53     0.00

 5 14  8 75      4.5  171.8   11.23     0.00

 6 14  8 75      4.1  195.6   12.62     0.00

 7 14  8 75      1.9   53.9   13.61     0.00

 8 14  8 75      3.6  169.0   16.33     0.00

 9 14  8 75      7.9  223.3   17.77     0.00

10 14  8 75     11.4  254.9   17.83     0.00

11 14  8 75     12.2  247.7   18.50     0.00

12 14  8 75     13.5  251.8   18.11     0.00

13 14  8 75     16.9  229.9   12.79     0.00

14 14  8 75     16.9  229.9   12.79     0.00

15 14  8 75     16.9  229.9   12.79     0.00

16 14  8 75     16.9  229.9   12.79     0.00

17 14  8 75     16.9  229.9   12.79     0.00

18 14  8 75     16.9  229.9   12.79     0.00

19 14  8 75    999.0  999.0  999.00   999.00

20 14  8 75     19.7  229.6   11.11     0.00

21 14  8 75     19.7  229.6   11.11     0.00

22 14  8 75     19.7  229.6   11.11     0.00

23 14  8 75     19.7  229.6   11.11     0.00
```

```
RIO BLANCO OIL SHALE PROJECT  SITE  TWO

              METEOROLOGICAL  DATA
HR DY MO YR     WS10  WDR10    AT10     PREC
++ ++ ++ ++    +-------------------------------+

 0 15  8 75     19.7  229.6    11.11     0.00

 1 15  8 75     19.7  229.6    11.11     0.00

 2 15  8 75     19.7  229.6    11.11     0.00

 3 15  8 75     19.7  229.6    11.11     0.00

 4 15  8 75     19.7  229.6    11.11     0.00

 5 15  8 75     19.7  229.6    11.11     0.00

 6 15  8 75     19.7  229.6    11.11     0.00

 7 15  8 75     19.7  229.6    11.11     0.00

 8 15  8 75     19.7  229.6    11.11     0.00

 9 15  8 75    999.0  999.0   999.00   999.00

10 15  8 75    999.0  999.0   999.00   999.00

11 15  8 75     19.7  229.6    11.11     0.00

12 15  8 75     19.7  229.6    11.11     0.00

13 15  8 75     19.7  229.6    11.11     0.00

14 15  8 75     19.7  229.6    11.11     0.00

15 15  8 75     19.7  229.6    11.11     0.00

16 15  8 75     19.7  229.6    11.11     0.00

17 15  8 75     19.7  229.6    11.11     0.00

18 15  8 75      3.8  187.2    19.59     0.00

19 15  8 75      2.6  210.5    18.37     0.00

20 15  8 75      2.6  291.0    17.07     0.00

21 15  8 75      4.9  319.8    15.58     0.00

22 15  8 75      3.8  277.5    15.51     0.00

23 15  8 75      2.8  281.9    14.92     0.00
```

```
 RIO BLANCO OIL SHALE PROJECT  SITE  TWO

               METEOROLOGICAL DATA
HR DY MO YR       WS10  WDR10    AT10     PREC
++ ++ ++ ++     +--------------------------------+

 0 16  8 75       3.6  279.5    14.42     0.00

 1 16  8 75       3.7  266.8    14.26     0.00

 2 16  8 75       3.7  264.2    14.64     0.00

 3 16  8 75       3.3  273.4    14.06     0.00

 4 16  8 75       3.7  276.6    13.62     0.00

 5 16  8 75       4.1  275.3    13.65     0.00

 6 16  8 75       3.1    4.4    14.38     0.00

 7 16  8 75       3.6  237.5    15.39     0.00

 8 16  8 75       5.2  164.6    14.93     0.00

 9 16  8 75       9.1  140.0    18.73     0.00

10 16  8 75       6.3  181.6    20.34     0.00

11 16  8 75       8.4  191.9    20.70     0.00

12 16  8 75       7.9  299.7    21.31     0.00

13 16  8 75      24.2  279.4    18.41     0.00

14 16  8 75      10.1  319.4    19.11     0.00

15 16  8 75      16.1  292.9    18.20     0.00

16 16  8 75       6.1  258.5    20.17     0.00

17 16  8 75      10.1  191.1    20.74     0.00

18 16  8 75       6.1  210.1    19.10     0.00

19 16  8 75       7.2  270.1    16.60     0.00

20 16  8 75       8.0  247.3    16.79     0.00

21 16  8 75      12.8  215.5    17.18     0.00

22 16  8 75       9.9  231.3    17.11     0.00

23 16  8 75      11.0  250.6    15.54     0.00
```

```
RIO BLANCO OIL SHALE PROJECT  SITE  TWO

               METEOROLOGICAL  DATA
HR DY MO YR      WS10  WDR10    AT10     PREC
++ ++ ++ ++    +-------------------------------+

 0 17  8 75     10.5  250.8    15.11     0.00

 1 17  8 75      8.5  245.3    15.28     0.00

 2 17  8 75      6.7  276.5    14.03     0.00

 3 17  8 75      2.8  233.8    14.06     0.00

 4 17  8 75     15.3  237.0    13.98     0.00

 5 17  8 75      9.5  237.9    13.83     0.00

 6 17  8 75     11.0  233.1    14.04     0.00

 7 17  8 75     11.7  223.9    16.46     0.00

 8 17  8 75     12.2  213.3    17.86     0.00

 9 17  8 75     11.7  225.6    18.71     0.00

10 17  8 75      7.6  218.8    19.88     0.00

11 17  8 75     11.6  242.8    20.69     0.00

12 17  8 75     12.5  234.2    21.34     0.00

13 17  8 75     12.7  194.4    21.68     0.00

14 17  8 75     11.2  242.0    21.95     0.00

15 17  8 75     12.0  206.0    22.42     0.00

16 17  8 75     14.3  202.6    22.82     0.00

17 17  8 75     12.4  203.9    22.80     0.00

18 17  8 75     10.6  221.6    22.32     0.00

19 17  8 75     10.3  224.6    21.10     0.00

20 17  8 75      9.8  206.5    20.43     0.00

21 17  8 75     10.9  212.1    20.30     0.00

22 17  8 75     11.5  214.0    19.88     0.00

23 17  8 75     12.1  219.3    19.92     0.00
```

```
RIO BLANCO OIL SHALE PROJECT  SITE  TWO

               METEOROLOGICAL  DATA
HR DY MO YR      WS10  WDR10    AT10      PREC
++ ++ ++ ++     +--------------------------------+

 0 18  8 75      12.7  213.6    18.81      0.00

 1 18  8 75      13.8  225.8    18.94      0.00

 2 18  8 75      14.3  221.0    17.83      0.00

 3 18  8 75      14.9  212.1    17.16      0.00

 4 18  8 75      14.4  213.5    16.72      0.00

 5 18  8 75      18.5  212.0    16.50      0.00

 6 18  8 75      17.6  216.9    16.53      0.00

 7 18  8 75      15.5  208.8    17.78      0.00

 8 18  8 75      15.7  200.2    19.23      0.00

 9 18  8 75      14.1  197.1    20.23      0.00

10 18  8 75      17.3  184.6    20.77      0.00

11 18  8 75      17.9  180.2    21.74      0.00

12 18  8 75      17.1  230.4    21.90      0.00

13 18  8 75      17.1  218.9    22.57      0.00

14 18  8 75      17.5  194.8    23.23      0.00

15 18  8 75      19.8  187.6    23.26      0.00

16 18  8 75      13.0  192.1    23.31      0.00

17 18  8 75      15.6  212.8    23.43      0.00

18 18  8 75      13.2  213.2    22.82      0.00

19 18  8 75      12.7  223.3    20.99      0.00

20 18  8 75      11.8  220.1    20.42      0.00

21 18  8 75      12.6  214.8    19.30      0.00

22 18  8 75      13.7  210.6    18.61      0.00

23 18  8 75      13.9  223.4    17.99      0.00
```

```
RIO BLANCO OIL SHALE PROJECT  SITE  TWO

              METEOROLOGICAL DATA
HR DY MO YR       WS10  WDR10    AT10      PREC
++ ++ ++ ++     +-------------------------------+

 0 19  8 75     13.9  230.2     17.97      0.00

 1 19  8 75     12.4  209.4     17.54      0.00

 2 19  8 75     12.0  206.1     17.94      0.00

 3 19  8 75     11.4  194.2     16.58      0.00

 4 19  8 75     14.4  220.7     16.34      0.00

 5 19  8 75     15.2  218.7     16.05      0.00

 6 19  8 75     13.6  220.8     15.42      0.00

 7 19  8 75     10.5  196.6     16.63      0.00

 8 19  8 75     12.6  211.9     17.35      0.00

 9 19  8 75     17.6  223.9     18.34      0.00

10 19  8 75     18.8  226.1     19.38      0.00

11 19  8 75     16.9  242.7     19.76      0.00

12 19  8 75     15.9  216.0     20.62      0.00

13 19  8 75     19.1  223.9     21.43      0.00

14 19  8 75     20.7  223.9     21.71      0.00

15 19  8 75     18.7  209.4     21.42      0.00

16 19  8 75     17.2  208.0     21.56      0.00

17 19  8 75     12.8  224.9     20.35      0.00

18 19  8 75     10.6  190.3     20.03      0.00

19 19  8 75      6.1  186.1     18.53      0.00

20 19  8 75      9.8  214.2     17.85      0.00

21 19  8 75      7.3  198.3     17.05      0.00

22 19  8 75      5.2  206.1     16.70      0.00

23 19  8 75      8.1  251.4     15.40      0.00
```

```
RIO BLANCO OIL SHALE PROJECT  SITE  TWO

            METEOROLOGICAL DATA
HR DY MO YR      WS10  WDR10   AT10     PREC
++ ++ ++ ++    +------------------------------+

 0 20  8 75      5.4  283.2   14.85     0.00

 1 20  8 75      8.3  256.1   14.61     0.00

 2 20  8 75      2.9  186.4   14.17     0.00

 3 20  8 75      3.7  343.7   14.57     0.00

 4 20  8 75      3.2  293.0   13.57     0.00

 5 20  8 75      3.2  268.6   13.41     0.00

 6 20  8 75      3.4  260.3   13.57     0.00

 7 20  8 75      4.0  250.8   14.53     0.00

 8 20  8 75      4.5  169.0   15.99     0.00

 9 20  8 75      2.9  244.1   17.19     0.00

10 20  8 75      3.6  274.7   18.95     0.00

11 20  8 75      9.4  258.7   18.77     0.00

12 20  8 75     10.8  250.1   19.14     0.00

13 20  8 75      8.6  249.1   18.08     0.00

14 20  8 75     12.3  207.1   19.50     0.00

15 20  8 75      4.4  252.2   19.03     0.00

16 20  8 75      4.5  197.8   19.54     0.00

17 20  8 75      8.7  280.1   19.25     0.00

18 20  8 75      4.6  283.4   18.58     0.00

19 20  8 75     11.0  264.5   17.26     0.00

20 20  8 75     16.1  270.6   14.96     0.00

21 20  8 75     17.6  266.8   13.84     0.00

22 20  8 75     13.6  259.4   12.57     0.00

23 20  8 75     10.9  259.1   11.91     0.00
```

```
RIO BLANCO OIL SHALE PROJECT  SITE  TWO

              METEOROLOGICAL  DATA
HR DY MO YR      WS10  WDR10   AT10     PREC
++ ++ ++ ++     +------------------------------+

 0 21  8 75      5.2  266.2   11.05     0.00

 1 21  8 75      5.4  246.8   11.44     0.00

 2 21  8 75      4.1  261.5   11.59     0.00

 3 21  8 75      3.9  149.5   11.19     0.00

 4 21  8 75      2.3  144.8   11.34     0.00

 5 21  8 75      2.6  212.4   11.29     0.00

 6 21  8 75      3.2  169.5   11.43     0.00

 7 21  8 75      2.7  202.6   11.60     0.00

 8 21  8 75      1.6  174.9   13.29     0.00

 9 21  8 75      4.8  144.8   15.13     0.00

10 21  8 75      6.8  213.4   16.27     0.00

11 21  8 75     14.4  216.3   17.76     0.00

12 21  8 75     14.3  198.1   18.21     0.00

13 21  8 75     15.4  229.8   17.86     0.00

14 21  8 75     15.1  221.6   16.11     0.00

15 21  8 75     10.5  185.8   15.67     0.00

16 21  8 75     10.9  200.5   15.67     0.00

17 21  8 75     10.1  221.8   17.59     0.00

18 21  8 75     13.6  218.5   17.06     0.00

19 21  8 75     11.4  220.7   15.45     0.00

20 21  8 75      3.9  114.3   13.49     0.00

21 21  8 75     12.1  271.4   13.11     0.00

22 21  8 75     11.1  276.8   12.27     0.00

23 21  8 75      4.9  148.5   11.67     0.00
```

```
RIO BLANCO OIL SHALE PROJECT  SITE  TWO

              METEOROLOGICAL  DATA
HR DY MO YR      WS10  WDR10    AT10     PREC
++ ++ ++ ++    +-------------------------------+

 0 22  8 75      3.1  213.8    11.69     0.00

 1 22  8 75      4.1  277.8    11.44     0.00

 2 22  8 75      3.6  175.5    12.37     0.00

 3 22  8 75      1.9  216.7    11.64     0.00

 4 22  8 75      6.1  247.7    12.41     0.00

 5 22  8 75      3.3  184.8    11.95     0.00

 6 22  8 75      6.3  235.3    11.42     0.00

 7 22  8 75      4.7  248.4    12.03     0.00

 8 22  8 75      6.9  180.4    13.57     0.00

 9 22  8 75      6.9  180.4    13.57     0.00

10 22  8 75      6.9  180.4    13.57     0.00

11 22  8 75      6.9  180.4    13.57     0.00

12 22  8 75      6.9  180.4    13.57     0.00

13 22  8 75      6.9  180.4    13.57     0.00

14 22  8 75      6.9  180.4    13.57     0.00

15 22  8 75      6.9  180.4    13.57     0.00

16 22  8 75      6.9  180.4    13.57     0.00

17 22  8 75      6.9  180.4    13.57     0.00

18 22  8 75      6.9  180.4    13.57     0.00

19 22  8 75      6.9  180.4    13.57     0.00

20 22  8 75      6.9  180.4    13.57     0.00

21 22  8 75      6.9  180.4    13.57     0.00

22 22  8 75      6.9  180.4    13.57     0.00

23 22  8 75      6.9  180.4    13.57     0.00
```

```
RIO BLANCO OIL SHALE PROJECT  SITE  TWO

              METEOROLOGICAL DATA
HR DY MO YR      WS10  WDR10   AT10     PREC
++ ++ ++ ++    +------------------------------+

 0 23  8 75      6.9  180.4   13.57     0.00

 1 23  8 75      6.9  180.4   13.57     0.00

 2 23  8 75      6.9  180.4   13.57     0.00

 3 23  8 75      6.9  180.4   13.57     0.00

 4 23  8 75      6.9  180.4   13.57     0.00

 5 23  8 75      6.9  180.4   13.57     0.00

 6 23  8 75      6.9  180.4   13.57     0.00

 7 23  8 75      6.9  180.4   13.57     0.00

 8 23  8 75      6.9  180.4   13.57     0.00

 9 23  8 75      6.9  180.4   13.57     0.00

10 23  8 75      6.9  180.4   13.57     0.00

11 23  8 75      6.9  180.4   13.57     0.00

12 23  8 75      6.9  180.4   13.57     0.00

13 23  8 75      6.9  180.4   13.57     0.00

14 23  8 75      6.9  180.4   13.57     0.00

15 23  8 75     18.0  211.6   20.18     0.00

16 23  8 75      1.7  355.3   22.23     0.00

17 23  8 75      3.2  342.3  999.00     0.00

18 23  8 75     15.4  199.1  999.00     0.00

19 23  8 75     13.4  199.8  999.00     0.00

20 23  8 75     10.2  194.1  999.00     0.00

21 23  8 75     12.3  182.8  999.00     0.00

22 23  8 75     14.7  190.5  999.00     0.00

23 23  8 75     14.4  200.9  999.00     0.00
```

```
 RIO BLANCO OIL SHALE PROJECT  SITE  TWO

               METEOROLOGICAL DATA
HR DY MO YR      WS10  WDR10   AT10     PREC
++ ++ ++ ++    +-------------------------------+

 0 24  8 75      14.0  206.2  999.00     0.00

 1 24  8 75      13.1  195.7  999.00     0.00

 2 24  8 75      13.4  199.3  999.00     0.00

 3 24  8 75      14.1  203.1  999.00     0.00

 4 24  8 75      13.8  212.7  999.00     0.00

 5 24  8 75      10.1  208.2  999.00     0.00

 6 24  8 75      11.3  207.0  999.00     0.00

 7 24  8 75      13.6  206.0  999.00     0.00

 8 24  8 75      14.0  213.2  999.00     0.00

 9 24  8 75      19.4  260.5  999.00     0.00

10 24  8 75      17.5  272.3  999.00     0.00

11 24  8 75      19.5  297.1  999.00     0.00

12 24  8 75      21.0  283.5  999.00     0.00

13 24  8 75      25.4  290.4  999.00     0.00

14 24  8 75      24.2  296.3  999.00     0.00

15 24  8 75      23.7  295.2  999.00     0.00

16 24  8 75      28.5  299.6  999.00     0.00

17 24  8 75      21.9  296.4  999.00     0.00

18 24  8 75      19.6  296.7  999.00     0.00

19 24  8 75      20.5  301.9  999.00     0.00

20 24  8 75       8.1  310.4  999.00     0.00

21 24  8 75      10.9  314.4  999.00     0.00

22 24  8 75       5.7   23.4  999.00     0.00

23 24  8 75       6.0  300.2  999.00     0.00
```

```
 RIO BLANCO OIL SHALE PROJECT  SITE  TWO

             METEOROLOGICAL DATA
HR DY MO YR     WS10  WDR10   AT10     PREC
++ ++ ++ ++    +-----------------------------+

 0 25  8 75      5.4  301.3  999.00     0.00

 1 25  8 75      5.5  295.0  999.00     0.00

 2 25  8 75      5.6  288.1  999.00     0.00

 3 25  8 75      5.4  253.9  999.00     0.00

 4 25  8 75      4.2  211.4  999.00     0.00

 5 25  8 75      3.9  277.7  999.00     0.00

 6 25  8 75      4.1  277.4  999.00     0.00

 7 25  8 75      3.3  243.1  999.00     0.00

 8 25  8 75      6.9  266.2  999.00     0.00

 9 25  8 75     10.6  253.5  999.00     0.00

10 25  8 75     10.7  269.3  999.00     0.00

11 25  8 75     15.2  275.9  999.00     0.00

12 25  8 75     10.3  263.2  999.00     0.00

13 25  8 75     12.8  297.1  999.00     0.00

14 25  8 75      8.8  290.3  999.00     0.00

15 25  8 75      8.2  299.7  999.00     0.00

16 25  8 75     12.9  285.8  999.00     0.00

17 25  8 75      9.7  276.7  999.00     0.00

18 25  8 75      9.3  295.8  999.00     0.00

19 25  8 75      5.6  299.6  999.00     0.00

20 25  8 75      9.1  271.1  999.00     0.00

21 25  8 75      8.2  269.8  999.00     0.00

22 25  8 75     11.1  253.9  999.00     0.00

23 25  8 75      9.8  257.1  999.00     0.00
```

```
RIO BLANCO OIL SHALE PROJECT  SITE  TWO

           METEOROLOGICAL DATA
HR DY MO YR      WS10  WDR10   AT10     PREC
++ ++ ++ ++    +-------------------------------+

 0 26  8 75       8.9  252.9  999.00     0.00

 1 26  8 75       7.8  254.1  999.00     0.00

 2 26  8 75       4.6  277.2  999.00     0.00

 3 26  8 75       4.2  301.1  999.00     0.00

 4 26  8 75       3.8  181.2  999.00     0.00

 5 26  8 75       3.7  293.8  999.00     0.00

 6 26  8 75       3.8  292.4  999.00     0.00

 7 26  8 75       3.0  132.9  999.00     0.00

 8 26  8 75       4.5   94.3  999.00     0.00

 9 26  8 75       7.3  123.8  999.00     0.00

10 26  8 75       9.3  263.7  999.00     0.00

11 26  8 75       7.7  256.9  999.00     0.00

12 26  8 75      12.3  185.3  999.00     0.00

13 26  8 75      13.2  219.4  999.00     0.00

14 26  8 75      10.8  219.4  999.00     0.00

15 26  8 75      11.8  253.6  999.00     0.00

16 26  8 75      12.0  216.1  999.00     0.00

17 26  8 75      10.0  213.5  999.00     0.00

18 26  8 75       9.2  222.4  999.00     0.00

19 26  8 75      12.2  229.2  999.00     0.00

20 26  8 75      10.0  250.8  999.00     0.00

21 26  8 75       9.1  248.1  999.00     0.00

22 26  8 75      12.1  184.3  999.00     0.00

23 26  8 75      10.7  207.9  999.00     0.00
```

```
RIO BLANCO OIL SHALE PROJECT  SITE  TWO

            METEOROLOGICAL  DATA
HR DY MO YR      WS10   WDR10    AT10     PREC
++ ++ ++ ++    +-------------------------------+

 0 27  8 75      6.0    89.9   999.00     0.00

 1 27  8 75      2.9   171.3   999.00     0.00

 2 27  8 75      2.7   200.7   999.00     0.00

 3 27  8 75      2.6     8.1   999.00     0.00

 4 27  8 75      4.4   293.4   999.00     0.00

 5 27  8 75      1.4   132.3   999.00     0.00

 6 27  8 75      5.1    75.0   999.00     0.00

 7 27  8 75      2.1     4.6   999.00     0.00

 8 27  8 75      3.2    94.9   999.00     0.00

 9 27  8 75     11.3   167.1   999.00     0.00

10 27  8 75     16.0   227.2   999.00     0.00

11 27  8 75     21.2   230.5   999.00     0.00

12 27  8 75     18.1   234.0   999.00     0.00

13 27  8 75     17.3   249.5   999.00     0.00

14 27  8 75     19.9   178.7   999.00     0.00

15 27  8 75     16.5   153.7   999.00     0.00

16 27  8 75     17.1   154.8   999.00     0.00

17 27  8 75     25.9   137.4     8.20     0.00

18 27  8 75     15.2   255.8    16.29     0.00

19 27  8 75     10.4   278.2    13.96     0.00

20 27  8 75      7.9   208.8    13.42     0.00

21 27  8 75     11.6   132.2    12.46     0.00

22 27  8 75      2.7   268.0    11.93     0.00

23 27  8 75      2.8   281.5    10.76     0.00
```

RIO BLANCO OIL SHALE PROJECT SITE TWO

```
              METEOROLOGICAL DATA
HR DY MO YR      WS10  WDR10   AT10     PREC
++ ++ ++ ++     +--------------------------------+

 0 28  8 75      6.3  302.2   11.41     0.00

 1 28  8 75      7.0  169.0   11.80     0.00

 2 28  8 75      6.4  130.1   11.56     0.00

 3 28  8 75      3.3  185.7   13.02     0.00

 4 28  8 75      6.9   20.0   10.12     0.00

 5 28  8 75      5.1  295.5    9.58     0.00

 6 28  8 75      2.8   99.8   11.23     0.00

 7 28  8 75     12.0  203.3   14.95     0.00

 8 28  8 75     14.7  196.5   16.43     0.00

 9 28  8 75    999.0  999.0  999.00     0.00

10 28  8 75    999.0  999.0  999.00     0.00

11 28  8 75    999.0  999.0  999.00     0.00

12 28  8 75    999.0  999.0  999.00     0.00

13 28  8 75    999.0  999.0  999.00     0.00

14 28  8 75    999.0  999.0  999.00   999.00

15 28  8 75     18.4  211.2   21.08     0.00

16 28  8 75     14.4  213.9   21.91     0.00

17 28  8 75     16.9  234.1   22.19     0.00

18 28  8 75     15.2  229.6   21.25     0.00

19 28  8 75     12.2  225.2   19.49     0.00

20 28  8 75     12.6  220.3   18.60     0.00

21 28  8 75     14.2  224.6   18.25     0.00

22 28  8 75     13.6  220.5   18.12     0.00

23 28  8 75     14.1  225.4   18.24     0.00
```

```
 RIO BLANCO OIL SHALE PROJECT  SITE  TWO

              METEOROLOGICAL  DATA
HR DY MO YR     WS10  WDR10    AT10     PREC
++ ++ ++ ++    +--------------------------------+

 0 29  8 75     10.5  267.8   15.04     0.00

 1 29  8 75      8.7  262.4   15.04     0.00

 2 29  8 75      2.3  207.7   13.66     0.00

 3 29  8 75      4.7   23.8   14.21     0.00

 4 29  8 75      3.5  299.9   12.10     0.00

 5 29  8 75      3.0  290.6   12.19     0.00

 6 29  8 75      3.7  276.7   12.95     0.00

 7 29  8 75      1.2  340.4   14.54     0.00

 8 29  8 75      4.6  129.2   16.95     0.00

 9 29  8 75     10.2  252.7   18.61     0.00

10 29  8 75     13.1  257.8   19.48     0.00

11 29  8 75     12.8  240.9   20.91     0.00

12 29  8 75     14.5  231.3   20.92     0.00

13 29  8 75     12.6  200.1   21.54     0.00

14 29  8 75     11.3  199.5   22.05     0.00

15 29  8 75      8.7  199.5   23.01     0.00

16 29  8 75      9.7  250.8   23.16     0.00

17 29  8 75      9.8  199.9   22.55     0.00

18 29  8 75     10.3  191.7   21.66     0.00

19 29  8 75     11.4  223.0   20.01     0.00

20 29  8 75     12.4  226.9   19.95     0.00

21 29  8 75      7.0  263.1   17.09     0.00

22 29  8 75      8.4  263.2   18.06     0.00

23 29  8 75     10.2  253.4   16.93     0.00
```

```
 RIO BLANCO OIL SHALE PROJECT  SITE  TWO

              METEOROLOGICAL  DATA
HR DY MO YR      WS10  WDR10    AT10     PREC
++ ++ ++ ++    +------------------------------+

 0 30  8 75    10.8  257.0   16.72     0.00

 1 30  8 75     4.8  272.0   15.63     0.00

 2 30  8 75     3.9   23.2   15.30     0.00

 3 30  8 75     4.0  278.0   15.00     0.00

 4 30  8 75     2.6  265.8   12.77     0.00

 5 30  8 75     4.2  273.4   13.91     0.00

 6 30  8 75     4.8  267.5   15.00     0.00

 7 30  8 75     3.1  266.5   15.81     0.00

 8 30  8 75     4.3   94.1   17.90     0.00

 9 30  8 75     4.9  112.6   19.19     0.00

10 30  8 75     6.3  295.7   21.52     0.00

11 30  8 75     8.8  248.4   22.44     0.00

12 30  8 75    10.9  200.1   22.65     0.00

13 30  8 75    10.3  240.5   22.38     0.00

14 30  8 75    12.2  244.6   23.26     0.00

15 30  8 75    15.2  211.4   23.32     0.00

16 30  8 75    15.2  195.6   23.27     0.00

17 30  8 75    12.9  213.4   23.39     0.00

18 30  8 75     9.5  212.0   22.50     0.00

19 30  8 75     8.5  211.3   20.88     0.00

20 30  8 75     9.4  222.2   21.22     0.00

21 30  8 75     8.4  206.0   20.84     0.00

22 30  8 75     9.7  214.4   20.31     0.00

23 30  8 75     9.4  226.8   20.25     0.00
```

```
 RIO BLANCO OIL SHALE PROJECT  SITE  TWO

              METEOROLOGICAL  DATA
HR DY MO YR      WS10  WDR10    AT10     PREC
++ ++ ++ ++     +-------------------------------+

 0 31  8 75      13.7  229.2    19.74     0.00

 1 31  8 75      15.1  226.7    19.10     0.00

 2 31  8 75      12.8  211.4    17.97     0.00

 3 31  8 75      14.7  218.5    18.65     0.00

 4 31  8 75      13.7  203.6    17.63     0.00

 5 31  8 75      11.2  210.4    17.71     0.00

 6 31  8 75       7.7  190.3    16.41     0.00

 7 31  8 75       8.8  196.5    18.86     0.00

 8 31  8 75      12.6  217.7    20.46     0.00

 9 31  8 75      12.3  234.6    21.47     0.00

10 31  8 75      15.7  234.9    22.46     0.00

11 31  8 75      20.0  228.1    22.91     0.00

12 31  8 75      22.8  214.1    23.28     0.00

13 31  8 75      20.6  222.0    23.65     0.00

14 31  8 75      20.1  226.3    24.00     0.00

15 31  8 75      15.4  229.8    24.33     0.00

16 31  8 75      16.6  220.1    24.51     0.00

17 31  8 75      12.2  214.9    24.54     0.00

18 31  8 75      10.8  214.7    23.68     0.00

19 31  8 75      12.0  230.3    22.00     0.00

20 31  8 75      10.9  215.7    21.84     0.00

21 31  8 75      11.6  216.7    20.76     0.00

22 31  8 75       8.9  199.9    20.22     0.00

23 31  8 75      13.2  230.2    19.87     0.00
```

B.1.3

METEOROLOGICAL DATA FOR SITE 3
1 JUNE 1975 THROUGH 31 AUGUST 1975

WS10	Wind Speed at the 10-m level (mph)
WDR10	Wind direction at the 10-m level (degrees)
AT10	Air Temperature at the 10-m level (degrees Celsius)
PREC	Precipitation at ground level (inches of H_2O)

RIO BLANCO OIL SHALE PROJECT SITE THREE

METEOROLOGICAL DATA

HR	DY	MO	YR	WS10	WDR10	AT10	PREC
0	1	6	75	7.5	278.9	5.29	0.00
1	1	6	75	8.1	280.1	5.22	0.00
2	1	6	75	7.2	266.6	5.51	0.00
3	1	6	75	4.5	281.3	2.60	0.00
4	1	6	75	5.6	267.2	2.49	0.00
5	1	6	75	3.8	272.3	1.13	0.00
6	1	6	75	5.2	279.8	4.14	0.00
7	1	6	75	5.6	36.6	8.23	0.00
8	1	6	75	5.1	98.4	10.00	0.00
9	1	6	75	3.8	56.1	11.73	0.00
10	1	6	75	3.4	3.2	14.03	0.00
11	1	6	75	4.7	171.3	15.38	0.00
12	1	6	75	6.4	60.1	15.95	0.00
13	1	6	75	4.8	132.8	17.15	0.00
14	1	6	75	6.4	112.6	17.62	0.00
15	1	6	75	6.1	55.4	18.36	0.00
16	1	6	75	8.7	81.8	18.05	0.00
17	1	6	75	3.5	103.4	18.89	0.00
18	1	6	75	6.3	271.0	18.63	0.00
19	1	6	75	2.5	278.9	17.28	0.00
20	1	6	75	7.6	273.6	11.19	0.00
21	1	6	75	7.6	278.4	8.90	0.00
22	1	6	75	7.4	282.3	7.82	0.00
23	1	6	75	6.7	277.2	7.39	0.00

```
 RIO BLANCO OIL SHALE PROJECT  SITE THREE

                METEOROLOGICAL DATA
HR DY MO YR      WS10  WDR10    AT10     PREC
++ ++ ++ ++     +-----------------------------+

 0  2  6 75       6.7  269.4    6.16     0.00

 1  2  6 75       4.2  265.0    4.91     0.00

 2  2  6 75       4.7  269.2    4.10     0.00

 3  2  6 75       6.3  271.7    3.88     0.00

 4  2  6 75       4.4  257.3    3.34     0.00

 5  2  6 75       6.1  263.0    3.93     0.00

 6  2  6 75       4.8  273.1    5.72     0.00

 7  2  6 75       5.3   85.3   10.43     0.00

 8  2  6 75       5.6   70.1   13.58     0.00

 9  2  6 75       4.5   89.8   17.25     0.00

10  2  6 75       4.6  293.7   20.44     0.00

11  2  6 75      12.8  269.1   19.98     0.00

12  2  6 75       9.0  269.1   21.06     0.00

13  2  6 75      11.7  232.1   21.77     0.00

14  2  6 75       8.5  301.7   20.49     0.00

15  2  6 75       8.7  254.9   22.35     0.00

16  2  6 75      16.9  288.5   19.92     0.00

17  2  6 75       9.3  299.8   20.54     0.00

18  2  6 75       9.4   66.0   18.83     0.00

19  2  6 75       5.1  279.1   12.41     0.00

20  2  6 75       5.2  287.4   11.37     0.00

21  2  6 75       6.1  285.2   10.07     0.00

22  2  6 75       5.8  282.9    8.81     0.00

23  2  6 75       4.6  266.2    8.14     0.00
```

```
RIO BLANCO OIL SHALE PROJECT  SITE THREE

             METEOROLOGICAL  DATA
HR  DY  MO  YR     WS10  WDR10    AT10     PREC
++  ++  ++  ++    +-------------------------------+

 0   3   6  75      3.3  265.3     8.22     0.00

 1   3   6  75      5.6  260.6     7.10     0.00

 2   3   6  75      7.4  268.8     6.02     0.00

 3   3   6  75      6.8  278.6     6.37     0.00

 4   3   6  75      3.7  246.9     5.14     0.00

 5   3   6  75      4.1  270.3     4.14     0.00

 6   3   6  75      4.1  284.1     6.38     0.00

 7   3   6  75      3.2   90.2    11.69     0.00

 8   3   6  75      5.2   69.7    13.15     0.00

 9   3   6  75     11.3  230.0    18.69     0.00

10   3   6  75     12.8  227.0    19.38     0.00

11   3   6  75     15.1  233.8    20.29     0.00

12   3   6  75     20.8  232.8    20.73     0.00

13   3   6  75     17.5  231.2    21.55     0.00

14   3   6  75     15.9  226.9    21.16     0.00

15   3   6  75     17.8  240.5    21.44     0.00

16   3   6  75     15.6  259.8    20.47     0.00

17   3   6  75     19.9  295.1    17.24     0.00

18   3   6  75     10.2   43.8    13.67     0.00

19   3   6  75     10.2   57.3    11.28     0.00

20   3   6  75      3.3   17.3    10.12     0.00

21   3   6  75      6.7  226.1     8.14     0.04

22   3   6  75      3.2  307.2     7.69     0.01

23   3   6  75      3.3  308.8     7.15     0.00
```

```
RIO BLANCO OIL SHALE PROJECT  SITE THREE

             METEOROLOGICAL  DATA
HR DY MO YR      WS10  WDR10    AT10     PREC
++ ++ ++ ++    +--------------------------------+

 0  4  6 75      3.6  234.5     7.19     0.00

 1  4  6 75      4.1    5.7     7.06     0.01

 2  4  6 75      2.8  292.6     6.96     0.00

 3  4  6 75      5.2  270.8     5.11     0.00

 4  4  6 75      3.9  285.5     4.91     0.00

 5  4  6 75      4.1  269.8     4.75     0.00

 6  4  6 75      3.7  294.6     5.58     0.00

 7  4  6 75      1.7  310.4     8.77     0.00

 8  4  6 75      5.1   14.6    10.46     0.00

 9  4  6 75      3.4  223.1    10.11     0.00

10  4  6 75      3.9  318.7    11.65     0.00

11  4  6 75      4.2  117.9    13.32     0.00

12  4  6 75      2.8  248.1    14.51     0.00

13  4  6 75      5.2   23.9    15.13     0.00

14  4  6 75      4.9  270.1    16.61     0.00

15  4  6 75      8.1  301.3    16.91     0.00

16  4  6 75      8.9  278.1    17.02     0.00

17  4  6 75      9.8  283.9    16.52     0.00

18  4  6 75      4.7  269.7    16.82     0.00

19  4  6 75      1.9  309.0    16.70     0.00

20  4  6 75      6.3  284.0    10.55     0.00

21  4  6 75      7.8  280.6     8.19     0.00

22  4  6 75      8.1  283.0     6.89     0.00

23  4  6 75      7.6  284.0     6.70     0.00
```

```
RIO BLANCO OIL SHALE PROJECT  SITE THREE

                METEOROLOGICAL DATA
HR DY MO YR      WS10  WDR10    AT10     PREC
++ ++ ++ ++    +-------------------------------+

 0  5  6 75      5.9  277.3     5.21     0.00

 1  5  6 75      7.2  274.1     4.83     0.00

 2  5  6 75      7.2  281.8     4.83     0.00

 3  5  6 75      7.0  284.9     4.07     0.00

 4  5  6 75      7.9  282.0     3.95     0.00

 5  5  6 75      7.4  277.0     3.81     0.00

 6  5  6 75      4.8  280.6     5.96     0.00

 7  5  6 75      3.1   81.0    11.10     0.00

 8  5  6 75      5.1   69.7    13.18     0.00

 9  5  6 75      4.3   64.6    14.83     0.00

10  5  6 75      4.1   91.4    16.30     0.00

11  5  6 75      4.7  216.7    18.09     0.00

12  5  6 75      7.2   41.6    19.54     0.00

13  5  6 75      8.9  322.9    20.87     0.00

14  5  6 75      7.4  340.3    21.01     0.00

15  5  6 75      6.2  330.1    21.87     0.00

16  5  6 75      6.0  314.9    21.99     0.00

17  5  6 75      6.1  351.6    21.86     0.00

18  5  6 75      6.4  330.6    22.04     0.00

19  5  6 75      6.7  315.9    21.57     0.00

20  5  6 75      5.8  298.6    15.31     0.00

21  5  6 75      8.1  290.2    11.72     0.00

22  5  6 75      8.0  275.1    10.12     0.00

23  5  6 75      8.6  279.3     8.97     0.00
```

```
  RIO BLANCO OIL SHALE PROJECT  SITE THREE

                METEOROLOGICAL DATA
 HR DY MO YR     WS10  WDR10    AT10     PREC
 ++ ++ ++ ++    +-------------------------------+

  0  6  6 75     6.4  276.2     7.90     0.00
  1  6  6 75     6.3  276.9     7.32     0.00
  2  6  6 75     6.7  278.2     6.17     0.00
  3  6  6 75     3.7  249.2     6.63     0.00
  4  6  6 75     2.6  271.1     4.87     0.00
  5  6  6 75     6.8  266.6     6.17     0.00
  6  6  6 75     6.4  292.6     9.60     0.00
  7  6  6 75     2.3  274.2    11.75     0.00
  8  6  6 75     5.6   84.6    15.22     0.00
  9  6  6 75     4.5   49.5    18.78     0.00
 10  6  6 75     6.9   30.1    20.73     0.00
 11  6  6 75     7.3   81.2    21.34     0.00
 12  6  6 75     5.1  999.0    21.92     0.00
 13  6  6 75    10.9  277.2    23.11     0.00
 14  6  6 75    13.2  268.9    23.38     0.00
 15  6  6 75    13.2  268.9    23.53     0.00
 16  6  6 75     8.1  277.2    23.97     0.00
 17  6  6 75     7.5  287.3    23.79     0.00
 18  6  6 75     9.0  272.3    23.51     0.00
 19  6  6 75     3.2  279.4    22.64     0.00
 20  6  6 75     6.9  276.9    16.26     0.00
 21  6  6 75     8.2  291.0    12.94     0.00
 22  6  6 75     8.3  278.6    11.37     0.00
 23  6  6 75     7.9  282.1    12.05     0.00
```

```
RIO BLANCO OIL SHALE PROJECT  SITE THREE

                METEOROLOGICAL DATA
HR DY MO YR      WS10  WDR10    AT10     PREC
++ ++ ++ ++    +-----------------------------------+

 0  7  6 75       6.5  277.3   12.67     0.00

 1  7  6 75       6.9  270.9   13.22     0.00

 2  7  6 75      11.5  303.8   19.52     0.00

 3  7  6 75       3.7  267.1   15.64     0.00

 4  7  6 75       7.3  249.3   14.47     0.00

 5  7  6 75       4.9  278.1   12.30     0.00

 6  7  6 75       4.7  274.0   11.36     0.00

 7  7  6 75       3.5  144.4   13.74     0.00

 8  7  6 75       7.2  270.0   18.54     0.00

 9  7  6 75       7.3  302.8   18.58     0.00

10  7  6 75       6.9  312.9   18.84     0.00

11  7  6 75       8.5  303.5   18.99     0.00

12  7  6 75       8.1  290.2   16.95     0.00

13  7  6 75       3.9  130.5   15.54     0.00

14  7  6 75      14.0  271.5   18.67     0.00

15  7  6 75       8.6  262.8   17.11     0.00

16  7  6 75       7.6  300.7   18.70     0.00

17  7  6 75       8.8   70.0   14.06     0.00

18  7  6 75       4.4   68.0    9.14     0.00

19  7  6 75       5.8  326.8    8.77     0.00

20  7  6 75       2.6  121.7    8.37     0.00

21  7  6 75       1.0   85.1    8.29     0.01

22  7  6 75       4.1  236.7    8.59     0.00

23  7  6 75       2.2  285.3    7.94     0.00
```

```
RIO BLANCO OIL SHALE PROJECT  SITE THREE

               METEOROLOGICAL DATA
HR DY MO YR        WS10  WDR10    AT10     PREC
++ ++ ++ ++     +------------------------------------+

 0  8  6 75       1.5  118.2     8.04     0.00

 1  8  6 75       1.7   90.3     8.27     0.00

 2  8  6 75       2.6  255.2     8.31     0.00

 3  8  6 75       3.4  257.6     8.11     0.00

 4  8  6 75       1.9  240.6     8.23     0.00

 5  8  6 75       7.1  239.9     8.48     0.00

 6  8  6 75       2.4   84.2     8.31     0.00

 7  8  6 75       4.5   25.2     9.64     0.00

 8  8  6 75       4.0  316.5    11.22     0.00

 9  8  6 75       6.0   88.8    12.72     0.00

10  8  6 75       6.4   46.0    13.25     0.00

11  8  6 75       5.4  281.1    13.65     0.00

12  8  6 75       7.2  225.1    13.00     0.00

13  8  6 75       9.1  263.6    13.82     0.00

14  8  6 75       9.8  272.1    13.84     0.00

15  8  6 75      12.1  305.9    12.77     0.00

16  8  6 75       6.4   99.4    12.13     0.00

17  8  6 75       7.4   84.8    12.31     0.00

18  8  6 75      12.8   85.6    11.21     0.00

19  8  6 75       7.0    1.7     8.23     0.00

20  8  6 75       5.0  272.4     7.36     0.00

21  8  6 75       1.4  235.2     6.18     0.00

22  8  6 75       3.9  276.8     5.14     0.00

23  8  6 75       5.5  278.9     4.57     0.00
```

RIO BLANCO OIL SHALE PROJECT SITE THREE

METEOROLOGICAL DATA

HR	DY	MO	YR	WS10	WDR10	AT10	PREC
0	9	6	75	6.0	289.0	4.35	0.00
1	9	6	75	3.1	258.3	3.37	0.00
2	9	6	75	6.8	257.7	2.09	0.00
3	9	6	75	7.5	277.7	1.05	0.00
4	9	6	75	7.3	283.1	0.59	0.00
5	9	6	75	3.2	280.4	0.60	0.00
6	9	6	75	5.0	291.4	0.77	0.00
7	9	6	75	3.7	42.6	4.51	0.00
8	9	6	75	6.6	63.2	5.48	0.00
9	9	6	75	5.7	91.7	6.33	0.00
10	9	6	75	6.2	97.7	8.02	0.00
11	9	6	75	6.1	53.9	9.81	0.00
12	9	6	75	6.4	89.3	10.15	0.00
13	9	6	75	7.6	70.7	10.77	0.00
14	9	6	75	6.6	18.5	11.56	0.00
15	9	6	75	5.6	19.4	10.71	0.00
16	9	6	75	6.5	272.4	8.37	0.00
17	9	6	75	12.4	232.9	6.07	0.00
18	9	6	75	6.6	255.2	5.74	0.00
19	9	6	75	2.4	83.2	6.58	0.00
20	9	6	75	3.4	201.9	5.57	0.00
21	9	6	75	5.0	267.4	3.33	0.00
22	9	6	75	8.1	258.8	3.31	0.00
23	9	6	75	2.2	281.2	3.64	0.00

```
 RIO BLANCO OIL SHALE PROJECT  SITE THREE

                METEOROLOGICAL  DATA
HR DY MO YR      WS10  WDR10    AT10     PREC
++ ++ ++ ++     +------------------------------+

 0 10  6 75      3.8  249.0     4.03     0.00

 1 10  6 75      2.8  286.0     4.66     0.00

 2 10  6 75      1.0  358.7     2.40     0.00

 3 10  6 75      3.6  271.3     2.20     0.00

 4 10  6 75      3.9  272.1     1.23     0.00

 5 10  6 75      1.8  312.3     0.78     0.00

 6 10  6 75      1.6  286.0     2.36     0.00

 7 10  6 75      4.7    9.8     4.27     0.00

 8 10  6 75      6.9   27.4     5.26     0.00

 9 10  6 75      7.8    0.4     5.75     0.00

10 10  6 75      7.0   26.7     6.10     0.00

11 10  6 75      8.2   23.4     7.29     0.00

12 10  6 75      9.8    9.3     7.79     0.00

13 10  6 75     12.5   38.8     8.64     0.00

14 10  6 75     13.8   75.8     6.85     0.00

15 10  6 75      5.7   59.6     8.02     0.00

16 10  6 75      8.0   64.6     8.53     0.00

17 10  6 75     11.7   82.1     8.75     0.00

18 10  6 75      7.1   57.9     9.23     0.00

19 10  6 75      5.1   78.1     9.38     0.00

20 10  6 75      3.6  276.2     5.57     0.00

21 10  6 75      7.4  280.5     3.10     0.00

22 10  6 75      7.6  285.9     2.13     0.00

23 10  6 75      8.8  284.9     2.08     0.00
```

```
RIO BLANCO OIL SHALE PROJECT  SITE THREE

               METEOROLOGICAL DATA
HR DY MO YR      WS10  WDR10   AT10     PREC
++ ++ ++ ++    +-------------------------------+

 0 11  6 75      7.0  286.4    1.76     0.00

 1 11  6 75      5.5  273.6    1.04     0.00

 2 11  6 75      3.2  256.8   -0.52     0.00

 3 11  6 75      4.8  268.6   -1.32     0.00

 4 11  6 75      6.7  281.1   -0.93     0.00

 5 11  6 75      6.2  276.3   -1.03     0.00

 6 11  6 75      2.7  295.0    1.53     0.00

 7 11  6 75      5.2   89.3    4.58     0.00

 8 11  6 75      6.8   54.2    7.70     0.00

 9 11  6 75      7.4   62.7    9.83     0.00

10 11  6 75      2.4   90.4   11.07     0.00

11 11  6 75      6.1  256.9   12.81     0.00

12 11  6 75      7.7  245.9   13.48     0.00

13 11  6 75      6.6  229.8   14.31     0.00

14 11  6 75     10.0  284.7   15.27     0.00

15 11  6 75      8.1  274.8   16.54     0.00

16 11  6 75      9.6  270.9   16.86     0.00

17 11  6 75     11.5  249.6   17.20     0.00

18 11  6 75     10.8  249.3   16.91     0.00

19 11  6 75      6.7  255.5   15.56     0.00

20 11  6 75      5.0  278.9   10.05     0.00

21 11  6 75      5.9  285.3    7.39     0.00

22 11  6 75      6.6  300.9    6.47     0.00

23 11  6 75      4.9  278.2    4.54     0.00
```

```
RIO BLANCO OIL SHALE PROJECT  SITE THREE

              METEOROLOGICAL DATA
HR DY MO YR       WS10  WDR10    AT10     PREC
++ ++ ++ ++     +-------------------------------+

 0 12  6 75      6.9  278.6     4.68     0.00

 1 12  6 75      5.9  272.8     3.00     0.00

 2 12  6 75      5.6  265.9     1.21     0.00

 3 12  6 75      5.4  276.6     0.91     0.00

 4 12  6 75      4.6  266.0     0.44     0.00

 5 12  6 75      6.5  277.1     1.19     0.00

 6 12  6 75      3.3  268.4     5.05     0.00

 7 12  6 75      4.0   94.8     9.20     0.00

 8 12  6 75      4.3   78.5    13.14     0.00

 9 12  6 75      3.9   44.5    16.16     0.00

10 12  6 75      4.6  251.2    19.05     0.00

11 12  6 75      9.3  278.3    19.79     0.00

12 12  6 75      9.9  283.5    20.16     0.00

13 12  6 75     10.7  286.3    20.57     0.00

14 12  6 75     15.2  238.7    20.13     0.00

15 12  6 75      8.1  230.2    20.23     0.00

16 12  6 75     12.5  241.2    19.55     0.00

17 12  6 75     13.3  235.4    19.78     0.00

18 12  6 75     11.3  233.7    19.85     0.00

19 12  6 75      4.1  247.9    17.25     0.00

20 12  6 75      5.0  277.1    12.08     0.00

21 12  6 75      6.7  287.9    10.48     0.00

22 12  6 75      8.2  256.0    10.74     0.00

23 12  6 75      6.2  271.4     8.83     0.00
```

```
 RIO BLANCO OIL SHALE PROJECT  SITE THREE

             METEOROLOGICAL DATA
HR DY MO YR     WS10  WDR10    AT10    PREC
++ ++ ++ ++    +------------------------------+

 0 13  6 75      6.8  285.1    8.97    0.00

 1 13  6 75      4.1  277.6    7.58    0.00

 2 13  6 75      2.8  250.3    7.07    0.00

 3 13  6 75      2.5  262.2    5.33    0.00

 4 13  6 75      4.9  289.4    7.71    0.00

 5 13  6 75      3.4  283.2    7.01    0.00

 6 13  6 75      1.4   36.0    9.26    0.00

 7 13  6 75      5.5   79.2   13.24    0.00

 8 13  6 75      8.2   86.3   15.25    0.00

 9 13  6 75      6.2   69.8   18.37    0.00

10 13  6 75     13.9  276.4   20.69    0.00

11 13  6 75     13.4  259.2   22.01    0.00

12 13  6 75     15.7  272.3   22.56    0.00

13 13  6 75     15.8  285.3   23.12    0.00

14 13  6 75     14.8  276.0   23.86    0.00

15 13  6 75     15.4  260.9   24.20    0.00

16 13  6 75     15.9  265.6   24.16    0.00

17 13  6 75     13.9  275.8   23.84    0.00

18 13  6 75     16.3  287.2   22.84    0.00

19 13  6 75      7.9  279.5   20.84    0.00

20 13  6 75      6.1  265.5   18.99    0.00

21 13  6 75      6.2  290.4   15.84    0.00

22 13  6 75      6.8  285.2   13.79    0.00

23 13  6 75    999.0  999.0  999.00  999.00
```

```
RIO BLANCO OIL SHALE PROJECT  SITE THREE

                METEOROLOGICAL DATA
HR DY MO YR      WS10  WDR10   AT10     PREC
++ ++ ++ ++     +------------------------------+

 0 14  6 75      7.2  289.8   11.72     0.00

 1 14  6 75      6.0  246.2   13.96     0.00

 2 14  6 75      4.0  237.9   12.62     0.00

 3 14  6 75      5.1  266.4   15.36     0.00

 4 14  6 75      9.2  286.5   16.40     0.00

 5 14  6 75      4.3  264.3   13.97     0.00

 6 14  6 75      3.0  270.9   12.26     0.00

 7 14  6 75      2.2  271.0   13.57     0.00

 8 14  6 75      9.3  322.4   16.97     0.00

 9 14  6 75     10.8  330.4   17.79     0.00

10 14  6 75      9.4  290.5   18.13     0.00

11 14  6 75     12.3  283.5   19.40     0.00

12 14  6 75     11.8  283.5   19.80     0.00

13 14  6 75     13.8  276.8   20.87     0.00

14 14  6 75     15.7  264.9   21.48     0.00

15 14  6 75     13.9  280.8   21.99     0.00

16 14  6 75     12.2  285.6   22.53     0.00

17 14  6 75     15.7  278.9   22.63     0.00

18 14  6 75     11.5  274.6   21.74     0.00

19 14  6 75     11.0  271.9   20.55     0.00

20 14  6 75      6.9  271.0   17.80     0.00

21 14  6 75      9.0  260.0   17.06     0.00

22 14  6 75      5.3  267.8   12.76     0.00

23 14  6 75      4.2  285.4    9.97     0.00
```

```
RIO BLANCO OIL SHALE PROJECT  SITE THREE

              METEOROLOGICAL  DATA
HR DY MO YR      WS10  WDR10    AT10     PREC
++ ++ ++ ++     +--------------------------------+

 0 15  6 75      5.3  266.0     9.25     0.00

 1 15  6 75      7.9  291.7     8.98     0.00

 2 15  6 75      8.4  281.3     9.31     0.00

 3 15  6 75      8.4  283.7     8.22     0.00

 4 15  6 75      6.8  277.3     7.35     0.00

 5 15  6 75      2.1  300.5     5.42     0.00

 6 15  6 75      3.4  263.6     7.42     0.00

 7 15  6 75      6.2   79.5    12.66     0.00

 8 15  6 75     15.2  274.0    17.51     0.00

 9 15  6 75     13.6  259.4    18.52     0.00

10 15  6 75     13.4  257.9    19.35     0.00

11 15  6 75     10.0  278.1    20.13     0.00

12 15  6 75      9.9  283.7    21.03     0.00

13 15  6 75     12.2  290.4    21.99     0.00

14 15  6 75     14.7  289.7    22.48     0.00

15 15  6 75     19.2  277.8    23.36     0.00

16 15  6 75     13.3  275.4    23.67     0.00

17 15  6 75     11.6  276.7    23.33     0.00

18 15  6 75     13.7  280.3    22.99     0.00

19 15  6 75     10.9  289.2    22.25     0.00

20 15  6 75      4.8  280.7    15.87     0.00

21 15  6 75      7.4  285.7    12.71     0.00

22 15  6 75      6.6  279.3    12.24     0.00

23 15  6 75      6.6  273.3    11.11     0.00
```

```
RIO BLANCO OIL SHALE PROJECT  SITE THREE

              METEOROLOGICAL DATA
HR DY MO YR      WS10  WDR10   AT10    PREC
++ ++ ++ ++    +-------------------------------+

 0 16  6 75      4.9  286.0   11.60    0.00

 1 16  6 75      3.9  267.4   12.30    0.00

 2 16  6 75      4.0  258.5   13.76    0.00

 3 16  6 75      6.6  264.3   12.00    0.00

 4 16  6 75      3.3  278.9   12.81    0.00

 5 16  6 75      7.2  261.6   15.12    0.00

 6 16  6 75      4.1  280.0   12.52    0.00

 7 16  6 75      2.7  273.2   14.66    0.00

 8 16  6 75      8.7  271.3   17.54    0.00

 9 16  6 75     13.7  267.6   18.96    0.00

10 16  6 75     16.0  267.7   19.90    0.00

11 16  6 75     14.9  296.4   20.01    0.00

12 16  6 75     19.2  280.5   21.00    0.00

13 16  6 75     19.5  278.0   20.59    0.00

14 16  6 75     16.4  276.6   20.02    0.00

15 16  6 75     18.6  299.1   20.62    0.00

16 16  6 75     18.4  299.8   19.59    0.00

17 16  6 75     14.5  299.7   18.31    0.00

18 16  6 75     14.0  297.1   18.26    0.00

19 16  6 75      8.0  284.5   17.23    0.00

20 16  6 75      1.9  307.8   13.22    0.00

21 16  6 75      4.3  280.0   10.36    0.00

22 16  6 75      4.4  249.2   11.19    0.00

23 16  6 75      5.9  291.5    9.71    0.00
```

```
RIO BLANCO OIL SHALE PROJECT  SITE THREE

             METEOROLOGICAL DATA
HR DY MO YR      WS10  WDR10   AT10     PREC
++ ++ ++ ++    +-----------------------------+

 0 17  6 75       5.4  283.3    9.33     0.00

 1 17  6 75       6.1  278.3    9.05     0.00

 2 17  6 75       4.7  242.0    9.36     0.00

 3 17  6 75       4.6  284.8    9.74     0.00

 4 17  6 75       8.0  230.2   12.50     0.00

 5 17  6 75       4.2  275.1   11.25     0.00

 6 17  6 75       4.7  285.9    9.61     0.00

 7 17  6 75       3.1   67.8   12.29     0.00

 8 17  6 75       3.0   83.7   13.34     0.00

 9 17  6 75       3.8   36.5   14.49     0.00

10 17  6 75       4.2   79.6   14.61     0.00

11 17  6 75       4.9   45.4   14.90     0.00

12 17  6 75       9.0  245.5   18.60     0.00

13 17  6 75      15.3  246.5   20.37     0.00

14 17  6 75      11.2  233.8   21.23     0.00

15 17  6 75      12.1  214.1   21.33     0.00

16 17  6 75      16.5  242.0   21.31     0.00

17 17  6 75      11.6  261.3   20.95     0.00

18 17  6 75       7.7  319.9   17.59     0.00

19 17  6 75       8.5  358.7   15.00     0.00

20 17  6 75       7.4   60.6   14.36     0.00

21 17  6 75       4.4  225.9   13.77     0.00

22 17  6 75       6.5   68.9   13.58     0.00

23 17  6 75       9.0   72.4   12.91     0.00
```

```
RIO BLANCO OIL SHALE PROJECT  SITE THREE

             METEOROLOGICAL  DATA
HR DY MO YR      WS10  WDR10   AT10     PREC
++ ++ ++ ++     +-------------------------------+

 0 18  6 75      8.1  310.7   12.39     0.00

 1 18  6 75      8.2  275.6   11.74     0.00

 2 18  6 75      2.4   22.0   10.06     0.00

 3 18  6 75      2.3  225.9    8.15     0.00

 4 18  6 75      3.7  268.9    7.49     0.00

 5 18  6 75      4.2  272.1    7.54     0.00

 6 18  6 75      5.5  275.5    8.33     0.00

 7 18  6 75      3.6  253.6   11.77     0.00

 8 18  6 75      5.9  195.0   14.37     0.00

 9 18  6 75      7.6  219.7   13.88     0.00

10 18  6 75      9.3  204.4   12.80     0.00

11 18  6 75      9.4  250.1   12.20     0.00

12 18  6 75     13.4  262.7    9.53     0.00

13 18  6 75     11.9  270.7    8.52     0.00

14 18  6 75      8.2  279.9    7.89     0.00

15 18  6 75      8.4  287.1    7.40     0.00

16 18  6 75      7.2  261.9    4.51     0.03

17 18  6 75      5.6   85.1    7.51     0.00

18 18  6 75      5.9  175.4    6.66     0.00

19 18  6 75      4.6  166.5    5.44     0.01

20 18  6 75      7.4  243.0    4.92     0.00

21 18  6 75      3.6  226.4    3.88     0.00

22 18  6 75      8.8  218.5    4.47     0.00

23 18  6 75      4.5  106.1    1.79     0.00
```

```
  RIO BLANCO OIL SHALE PROJECT  SITE THREE

              METEOROLOGICAL DATA
HR DY MO YR      WS10  WDR10    AT10     PREC
++ ++ ++ ++     +-------------------------------+

 0 19  6 75       3.1  255.1   -0.85     0.00

 1 19  6 75       2.2  251.8   -1.52     0.00

 2 19  6 75       4.9  284.6   -1.38     0.00

 3 19  6 75       5.8  279.2   -1.53     0.00

 4 19  6 75       5.3  278.3   -1.27     0.00

 5 19  6 75       3.3  263.5   -0.60     0.00

 6 19  6 75       2.7  280.5    1.50     0.00

 7 19  6 75       5.8   91.5    6.56     0.00

 8 19  6 75       6.9  120.5    9.84     0.00

 9 19  6 75      11.6  206.2   11.64     0.00

10 19  6 75      14.8  232.8   11.93     0.00

11 19  6 75      16.6  229.3   12.95     0.00

12 19  6 75      16.1  232.7   13.63     0.00

13 19  6 75      16.1  231.2   14.62     0.00

14 19  6 75      13.8  226.8   12.47     0.00

15 19  6 75      13.2  232.9   15.14     0.00

16 19  6 75      19.3  244.1   16.07     0.00

17 19  6 75      18.6  248.2   16.17     0.00

18 19  6 75      12.0  269.6   14.92     0.00

19 19  6 75       6.6  283.5   11.75     0.00

20 19  6 75       9.6  287.0    8.70     0.00

21 19  6 75       8.6  245.9    7.49     0.00

22 19  6 75       3.0  271.9    4.12     0.00

23 19  6 75       5.5  284.1    3.29     0.00
```

```
RIO BLANCO OIL SHALE PROJECT  SITE THREE

           METEOROLOGICAL DATA
HR DY MO YR      WS10  WDR10    AT10     PREC
++ ++ ++ ++    +------------------------------+

 0 20  6 75      6.6  270.6     2.64     0.00

 1 20  6 75      7.4  283.1     2.34     0.00

 2 20  6 75      6.5  287.4     1.54     0.00

 3 20  6 75      6.1  272.6     1.62     0.00

 4 20  6 75      6.5  290.5     1.61     0.00

 5 20  6 75      2.0  111.7    -0.59     0.00

 6 20  6 75      4.3  287.8     1.75     0.00

 7 20  6 75      2.3   35.7     8.53     0.00

 8 20  6 75      6.0   78.5    10.02     0.00

 9 20  6 75      5.7  127.1    14.02     0.00

10 20  6 75     14.8  204.5    12.50     0.00

11 20  6 75      8.0  253.7     6.26     0.00

12 20  6 75      7.9  244.2     6.64     0.01

13 20  6 75      6.9  260.7     8.29     0.01

14 20  6 75      8.2   77.7    10.71     0.00

15 20  6 75     11.8  243.5     5.95     0.01

16 20  6 75     12.6  245.9    11.09     0.00

17 20  6 75     15.5  253.0    12.01     0.00

18 20  6 75     11.4  282.9    10.80     0.00

19 20  6 75      7.4  274.1    10.10     0.00

20 20  6 75      8.7  334.1     6.96     0.00

21 20  6 75      4.9    6.2     4.92     0.00

22 20  6 75      4.7  266.6     3.68     0.00

23 20  6 75      4.6  258.0     1.72     0.00
```

```
  RIO BLANCO OIL SHALE PROJECT  SITE THREE

               METEOROLOGICAL DATA
HR DY MO YR     WS10  WDR10   AT10     PREC
++ ++ ++ ++    +--------------------------------+

 0 21  6 75      6.6  283.0    0.83     0.00

 1 21  6 75      7.1  266.9    0.63     0.00

 2 21  6 75      6.1  284.1    0.75     0.00

 3 21  6 75      6.7  281.2    0.25     0.00

 4 21  6 75      3.6  271.5    1.06     0.00

 5 21  6 75      2.6  250.7   -0.27     0.00

 6 21  6 75      2.4  272.5    2.39     0.00

 7 21  6 75      4.7   75.9    5.68     0.00

 8 21  6 75      2.3   72.0    9.31     0.00

 9 21  6 75      9.0  258.4   11.17     0.00

10 21  6 75      9.8  271.6   11.79     0.00

11 21  6 75     11.3  270.5   13.05     0.00

12 21  6 75     15.3  235.5   10.08     0.00

13 21  6 75      3.2  266.8   10.83     0.00

14 21  6 75     19.8  260.4   10.86     0.00

15 21  6 75      6.5  242.4   12.71     0.00

16 21  6 75     14.7  252.5   10.49     0.00

17 21  6 75      5.3  238.9    6.62     0.03

18 21  6 75      4.6  251.6    9.79     0.00

19 21  6 75      2.8  234.7   10.22     0.00

20 21  6 75      5.0  278.2    6.21     0.00

21 21  6 75      4.0  279.2    4.87     0.00

22 21  6 75      6.1  274.9    5.04     0.00

23 21  6 75      5.7  283.5    5.64     0.00
```

```
RIO BLANCO OIL SHALE PROJECT  SITE THREE

               METEOROLOGICAL  DATA
HR DY MO YR        WS10  WDR10   AT10     PREC
++ ++ ++ ++      +--------------------------------+

 0 22  6 75       5.3  277.8     4.73     0.00

 1 22  6 75       2.8   93.6     4.35     0.00

 2 22  6 75       4.6  281.1     4.30     0.00

 3 22  6 75       6.1  285.2     2.85     0.00

 4 22  6 75       4.8  268.5     1.52     0.00

 5 22  6 75       4.7  259.0     1.32     0.00

 6 22  6 75       2.4  253.9     3.66     0.00

 7 22  6 75       4.1   74.9     8.00     0.00

 8 22  6 75       5.5   71.7    10.73     0.00

 9 22  6 75       6.6   52.9    12.29     0.00

10 22  6 75       4.4   96.5    13.66     0.00

11 22  6 75       7.3   63.8    14.05     0.00

12 22  6 75       4.1   66.1    15.29     0.00

13 22  6 75       6.0   94.9    15.08     0.00

14 22  6 75       6.4   63.8    16.43     0.00

15 22  6 75       5.9  118.0    16.94     0.00

16 22  6 75      12.4  254.5    17.10     0.00

17 22  6 75      12.1  246.0    17.28     0.00

18 22  6 75      10.2  266.9    17.46     0.00

19 22  6 75       5.8  259.0    16.46     0.00

20 22  6 75       5.8  283.8    10.42     0.00

21 22  6 75       7.6  281.2     8.51     0.00

22 22  6 75       7.2  285.1     7.28     0.00

23 22  6 75       6.3  268.0     6.59     0.00
```

```
 RIO BLANCO OIL SHALE PROJECT  SITE THREE

                METEOROLOGICAL DATA
HR DY MO YR     WS10  WDR10    AT10     PREC
++ ++ ++ ++    +-------------------------------+

 0 23  6 75      6.2  276.4     5.76     0.00

 1 23  6 75      3.6  262.6     5.31     0.00

 2 23  6 75      3.9  268.4     2.76     0.00

 3 23  6 75      6.9  277.0     3.25     0.00

 4 23  6 75      7.2  283.4     3.78     0.00

 5 23  6 75      6.7  285.7     4.20     0.00

 6 23  6 75      4.1  231.2     5.76     0.00

 7 23  6 75      3.7   70.2    11.14     0.00

 8 23  6 75      4.9   76.8    12.90     0.00

 9 23  6 75      6.1   70.7    16.46     0.00

10 23  6 75      7.0  288.2    18.80     0.00

11 23  6 75      8.5  236.6    19.91     0.00

12 23  6 75      9.8  249.9    20.41     0.00

13 23  6 75      8.1  220.9    21.26     0.00

14 23  6 75     14.9  255.9    22.04     0.00

15 23  6 75      8.8  272.9    21.28     0.00

16 23  6 75      8.6  233.2    22.40     0.00

17 23  6 75     10.6  247.3    21.97     0.00

18 23  6 75      7.0  249.5    21.29     0.00

19 23  6 75      4.2  275.7    19.26     0.00

20 23  6 75      4.7  285.8    14.68     0.00

21 23  6 75      7.1  281.9    11.76     0.00

22 23  6 75      8.0  287.1    10.00     0.00

23 23  6 75      7.9  278.9     9.56     0.00
```

```
  RIO BLANCO OIL SHALE PROJECT  SITE THREE

              METEOROLOGICAL DATA
HR DY MO YR      WS10  WDR10    AT10    PREC
++ ++ ++ ++    +-------------------------------+

 0 24  6 75      7.5  281.7     8.41     0.00

 1 24  6 75      7.1  272.7     7.08     0.00

 2 24  6 75      7.0  266.9     5.99     0.00

 3 24  6 75      6.9  262.3     4.58     0.00

 4 24  6 75      7.3  267.3     4.24     0.00

 5 24  6 75      6.4  275.2     4.21     0.00

 6 24  6 75      4.1  249.8     8.07     0.00

 7 24  6 75      3.4  276.7    12.96     0.00

 8 24  6 75      6.4  170.2    18.91     0.00

 9 24  6 75      9.6  204.7    20.30     0.00

10 24  6 75     10.4  212.7    21.52     0.00

11 24  6 75    999.0  999.0   999.00   999.00

12 24  6 75    999.0  999.0   999.00   999.00

13 24  6 75    999.0  999.0   999.00   999.00

14 24  6 75    999.0  999.0   999.00   999.00

15 24  6 75    999.0  999.0   999.00   999.00

16 24  6 75     11.4  230.5    23.75     0.00

17 24  6 75     11.4  218.7    23.56     0.00

18 24  6 75     12.2  210.9    23.86     0.00

19 24  6 75     10.6  225.3    22.86     0.00

20 24  6 75      6.1  259.5    19.48     0.00

21 24  6 75      5.3  275.9    11.69     0.00

22 24  6 75      3.6  272.5     8.95     0.00

23 24  6 75      6.7  277.8     7.57     0.00
```

```
 RIO BLANCO OIL SHALE PROJECT  SITE THREE

              METEOROLOGICAL  DATA
HR DY MO YR     WS10  WDR10    AT10     PREC
++ ++ ++ ++   +--------------------------------+

 0 25  6 75      3.4  271.7    9.06     0.00

 1 25  6 75      5.3  218.4   13.83     0.00

 2 25  6 75      3.3  198.8   12.51     0.00

 3 25  6 75      5.2  168.0   15.57     0.00

 4 25  6 75      2.4  185.9   10.75     0.00

 5 25  6 75      3.4  282.3    7.39     0.00

 6 25  6 75      3.8  269.5   11.53     0.00

 7 25  6 75     10.2  213.3   17.07     0.00

 8 25  6 75     14.2  227.7   17.58     0.00

 9 25  6 75     14.7  218.7   17.41     0.00

10 25  6 75     16.5  210.0   18.00     0.00

11 25  6 75     18.2  239.2   17.56     0.00

12 25  6 75     13.1  190.9   16.93     0.00

13 25  6 75     29.9  266.5   10.20     0.00

14 25  6 75     22.0  246.7   14.65     0.00

15 25  6 75     19.2  279.2   13.33     0.00

16 25  6 75     19.3  264.9   15.58     0.00

17 25  6 75     17.4  299.0   12.35     0.00

18 25  6 75     19.4  303.1   11.39     0.00

19 25  6 75     11.7  288.3    9.94     0.00

20 25  6 75      5.4  280.5    7.95     0.00

21 25  6 75      2.2   48.9    5.29     0.00

22 25  6 75      2.8  242.4    2.75     0.00

23 25  6 75      2.1  214.7    3.38     0.00
```

```
RIO BLANCO OIL SHALE PROJECT  SITE THREE

               METEOROLOGICAL DATA
HR DY MO YR     WS10  WDR10   AT10     PREC
++ ++ ++ ++    +--------------------------------+

 0 26  6 75      5.1  264.2   1.24     0.00

 1 26  6 75      5.9  262.1  -0.07     0.00

 2 26  6 75      7.0  287.3  -2.39     0.00

 3 26  6 75      7.6  269.3  -2.17     0.00

 4 26  6 75      7.0  283.1  -2.19     0.00

 5 26  6 75      7.5  284.3  -2.30     0.00

 6 26  6 75      5.8  290.9   0.06     0.00

 7 26  6 75      2.9   45.4   7.01     0.00

 8 26  6 75      4.6   73.6   9.10     0.00

 9 26  6 75      4.7   37.3  10.58     0.00

10 26  6 75      5.1  160.1  13.55     0.00

11 26  6 75      6.4  291.7  14.70     0.00

12 26  6 75      5.9  279.5  16.58     0.00

13 26  6 75      7.6  273.9  17.94     0.00

14 26  6 75      6.6  257.7  19.53     0.00

15 26  6 75     11.5  242.1  20.79     0.00

16 26  6 75     13.4  245.1  21.27     0.00

17 26  6 75     10.5  246.6  21.27     0.00

18 26  6 75     10.3  243.6  20.91     0.00

19 26  6 75      8.0  241.5  19.24     0.00

20 26  6 75      8.0  283.2  10.44     0.00

21 26  6 75      9.1  292.1   7.47     0.00

22 26  6 75      8.1  281.1   7.25     0.00

23 26  6 75      8.9  279.1   6.06     0.00
```

```
RIO BLANCO OIL SHALE PROJECT  SITE THREE

                METEOROLOGICAL DATA
HR DY MO YR      WS10  WDR10    AT10     PREC
++ ++ ++ ++    +------------------------------+

 0 27  6 75      8.3  268.1     6.17     0.00

 1 27  6 75      7.9  280.4     5.53     0.00

 2 27  6 75      7.3  271.3     5.03     0.00

 3 27  6 75      6.1  282.5     4.78     0.00

 4 27  6 75      7.2  285.0     4.37     0.00

 5 27  6 75      6.5  279.1     3.46     0.00

 6 27  6 75      4.0  259.4     6.51     0.00

 7 27  6 75      1.9  295.7    13.12     0.00

 8 27  6 75     10.1  231.7    20.23     0.00

 9 27  6 75     13.4  227.4    21.68     0.00

10 27  6 75     16.4  233.7    22.52     0.00

11 27  6 75     18.1  244.0    22.72     0.00

12 27  6 75     18.9  233.5    23.37     0.00

13 27  6 75     19.6  231.5    24.08     0.00

14 27  6 75     21.0  227.3    24.74     0.00

15 27  6 75     18.3  226.5    25.07     0.00

16 27  6 75     14.9  236.9    25.33     0.00

17 27  6 75     14.7  244.9    24.50     0.00

18 27  6 75      8.1  232.9    23.64     0.00

19 27  6 75      5.3  252.4    21.61     0.00

20 27  6 75      5.4  266.1    17.23     0.00

21 27  6 75      6.2  274.8    14.16     0.00

22 27  6 75      7.1  277.7    12.51     0.00

23 27  6 75      7.6  279.6    11.66     0.00
```

```
RIO BLANCO OIL SHALE PROJECT  SITE THREE

            METEOROLOGICAL  DATA
HR DY MO YR     WS10  WDR10    AT10     PREC
++ ++ ++ ++    +-------------------------------+

 0 28  6 75      7.3  248.0   11.90     0.00

 1 28  6 75      6.4  262.4   10.92     0.00

 2 28  6 75      1.8   46.2    7.62     0.00

 3 28  6 75      3.0  272.6    7.03     0.00

 4 28  6 75      7.4  268.8    7.06     0.00

 5 28  6 75      7.5  285.7    6.47     0.00

 6 28  6 75      6.3  285.4    8.55     0.00

 7 28  6 75      2.3  283.4   13.82     0.00

 8 28  6 75      2.9   97.8   17.87     0.00

 9 28  6 75      5.9   62.6   19.55     0.00

10 28  6 75      4.5  320.6   22.15     0.00

11 28  6 75      9.0  216.0   24.06     0.00

12 28  6 75     12.1  208.2   24.01     0.00

13 28  6 75     17.8  237.1   24.84     0.00

14 28  6 75     14.7  232.3   24.94     0.00

15 28  6 75     14.2  228.8   25.33     0.00

16 28  6 75     12.2  219.8   25.60     0.00

17 28  6 75     11.8  239.2   25.68     0.00

18 28  6 75     13.4  248.5   25.04     0.00

19 28  6 75      9.1  255.7   23.02     0.00

20 28  6 75      7.5  265.8   15.56     0.00

21 28  6 75      6.7  283.5   13.11     0.00

22 28  6 75      9.1  278.9   11.78     0.00

23 28  6 75      8.1  280.1   10.27     0.00
```

```
  RIO BLANCO OIL SHALE PROJECT  SITE THREE

               METEOROLOGICAL  DATA
HR DY MO YR      WS10  WDR10    AT10     PREC
++ ++ ++ ++    +-------------------------------+

 0 29  6 75       8.7  282.5    9.40     0.00

 1 29  6 75       5.7  274.9    8.29     0.00

 2 29  6 75       7.4  279.4    7.89     0.00

 3 29  6 75       8.6  280.1    7.26     0.00

 4 29  6 75       7.6  278.0    7.05     0.00

 5 29  6 75       7.0  269.2    4.60     0.00

 6 29  6 75       6.4  274.6    8.34     0.00

 7 29  6 75       4.8   75.7   15.73     0.00

 8 29  6 75       9.3  223.8   21.84     0.00

 9 29  6 75      11.5  230.6   22.84     0.00

10 29  6 75      12.2  232.0   23.31     0.00

11 29  6 75      12.7  234.4   23.91     0.00

12 29  6 75      16.3  239.9   24.38     0.00

13 29  6 75      17.1  243.7   25.05     0.00

14 29  6 75      17.0  213.0   25.48     0.00

15 29  6 75      16.7  222.2   25.61     0.00

16 29  6 75      13.2  223.3   25.72     0.00

17 29  6 75      12.2  206.1   26.32     0.00

18 29  6 75      11.1  220.3   25.96     0.00

19 29  6 75       8.6  244.3   23.33     0.00

20 29  6 75       8.0  275.4   13.50     0.00

21 29  6 75       9.2  283.4   12.27     0.00

22 29  6 75       9.6  275.9   10.73     0.00

23 29  6 75       7.6  280.2   11.01     0.00
```

```
RIO BLANCO OIL SHALE PROJECT  SITE THREE

               METEOROLOGICAL DATA
HR DY MO YR      WS10  WDR10   AT10     PREC
++ ++ ++ ++     +----------------------------------+

 0 30  6 75      1.7  189.4    8.47     0.00

 1 30  6 75      3.2  268.7    7.07     0.00

 2 30  6 75      5.2  272.8    5.43     0.00

 3 30  6 75      4.5  272.3    3.77     0.00

 4 30  6 75      6.2  271.0    2.89     0.00

 5 30  6 75      7.1  277.0    4.42     0.00

 6 30  6 75      5.8  270.8    7.69     0.00

 7 30  6 75      2.1  274.6   14.00     0.00

 8 30  6 75      3.2   57.5   19.32     0.00

 9 30  6 75      5.3   76.4   22.40     0.00

10 30  6 75     11.0  218.7   25.57     0.00

11 30  6 75      9.7  201.7   26.53     0.00

12 30  6 75      9.8  248.2   26.54     0.00

13 30  6 75     15.0  240.7   27.37     0.00

14 30  6 75      9.7  216.5   27.85     0.00

15 30  6 75     13.1  225.7   28.02     0.00

16 30  6 75     11.8  208.9   28.30     0.00

17 30  6 75     10.6  220.5   28.21     0.00

18 30  6 75      7.9  228.8   27.78     0.00

19 30  6 75      7.4  249.8   25.84     0.00

20 30  6 75      8.7  269.4   16.80     0.00

21 30  6 75      7.0  276.5   14.20     0.00

22 30  6 75      7.0  278.8   13.71     0.00

23 30  6 75      5.9  278.2   10.71     0.00
```

```
RIO BLANCO OIL SHALE PROJECT  SITE THREE

                 METEOROLOGICAL DATA
HR DY MO YR      WS10  WDR10    AT10     PREC
++ ++ ++ ++     +------------------------------+

 0  1  7 75      7.2  290.2    10.23     0.00

 1  1  7 75      4.9  287.0     8.67     0.00

 2  1  7 75      6.8  273.2     6.23     0.00

 3  1  7 75      5.2  277.9     5.85     0.00

 4  1  7 75      6.1  276.7     5.82     0.00

 5  1  7 75      7.1  268.0     5.81     0.00

 6  1  7 75      6.4  261.6    10.02     0.00

 7  1  7 75      2.2  231.1    15.97     0.00

 8  1  7 75      5.1   74.5    20.63     0.00

 9  1  7 75      9.4  192.9    25.72     0.00

10  1  7 75      9.7  190.9    26.95     0.00

11  1  7 75     12.0  206.1    27.69     0.00

12  1  7 75     10.4  199.5    28.30     0.00

13  1  7 75     16.0  228.7    28.63     0.00

14  1  7 75     15.4  247.8    28.85     0.00

15  1  7 75     15.8  237.1    28.74     0.00

16  1  7 75     13.3  238.4    28.97     0.00

17  1  7 75      9.6  233.8    28.94     0.00

18  1  7 75      3.0  207.4    28.73     0.00

19  1  7 75      5.6  264.6    26.36     0.00

20  1  7 75      6.9  282.9    17.87     0.00

21  1  7 75      7.1  272.3    14.84     0.00

22  1  7 75      7.9  272.6    13.72     0.00

23  1  7 75      8.9  277.7    14.30     0.00
```

```
 RIO BLANCO OIL SHALE PROJECT  SITE THREE

                METEOROLOGICAL  DATA
HR  DY  MO  YR      WS10  WDR10    AT10     PREC
++  ++  ++  ++    +------------------------------+

 0   2   7  75      5.3  307.6    14.00     0.00

 1   2   7  75      8.2  276.4    12.23     0.00

 2   2   7  75      5.6  268.0    11.53     0.00

 3   2   7  75      7.0  270.5     9.78     0.00

 4   2   7  75      5.3  282.7     8.74     0.00

 5   2   7  75      6.9  266.0     8.83     0.00

 6   2   7  75      4.9  261.9    11.21     0.00

 7   2   7  75      1.3  239.6    17.97     0.00

 8   2   7  75      5.7   62.3    21.02     0.00

 9   2   7  75      4.0   85.8    25.28     0.00

10   2   7  75      7.0  266.7    26.74     0.00

11   2   7  75      8.2  282.3    27.48     0.00

12   2   7  75      6.5  216.6    28.23     0.00

13   2   7  75      5.2  239.7    28.27     0.00

14   2   7  75      3.3   21.1    28.12     0.00

15   2   7  75      5.1    1.7    28.72     0.00

16   2   7  75     11.0   59.9    26.58     0.00

17   2   7  75      5.4  249.9    24.19     0.00

18   2   7  75      6.8   38.4    23.32     0.00

19   2   7  75      5.9  155.0    22.03     0.00

20   2   7  75      2.8  150.3    19.03     0.00

21   2   7  75      5.1  288.5    16.21     0.00

22   2   7  75      6.6  269.0    13.32     0.00

23   2   7  75      6.6  282.3    12.88     0.00
```

```
RIO BLANCO OIL SHALE PROJECT  SITE THREE

               METEOROLOGICAL  DATA
HR DY MO YR      WS10  WDR10    AT10     PREC
++ ++ ++ ++     +-------------------------------+

 0  2  7 75      5.3  307.6   14.00     0.00

 1  2  7 75      8.2  276.4   12.23     0.00

 2  2  7 75      5.6  268.0   11.53     0.00

 3  2  7 75      7.0  270.5    9.78     0.00

 4  2  7 75      5.3  282.7    8.74     0.00

 5  2  7 75      6.9  266.0    8.83     0.00

 6  2  7 75      4.9  261.9   11.21     0.00

 7  2  7 75      1.3  239.6   17.97     0.00

 8  2  7 75      5.7   62.3   21.02     0.00

 9  2  7 75      4.0   85.8   25.28     0.00

10  2  7 75      7.0  266.7   26.74     0.00

11  2  7 75      8.2  282.3   27.48     0.00

12  2  7 75      6.5  216.6   28.23     0.00

13  2  7 75      5.2  239.7   28.27     0.00

14  2  7 75      3.3   21.1   28.12     0.00

15  2  7 75      5.1    1.7   28.72     0.00

16  2  7 75     11.0   59.9   26.58     0.00

17  2  7 75      5.4  249.9   24.19     0.00

18  2  7 75      6.8   38.4   23.32     0.00

19  2  7 75      5.9  155.0   22.03     0.00

20  2  7 75      2.8  150.3   19.03     0.00

21  2  7 75      5.1  288.5   16.21     0.00

22  2  7 75      6.6  269.0   13.32     0.00

23  2  7 75      6.6  282.3   12.88     0.00
```

```
RIO BLANCO OIL SHALE PROJECT  SITE THREE

              METEOROLOGICAL DATA
HR DY MO YR     WS10  WDR10   AT10     PREC
++ ++ ++ ++   +--------------------------------+

 0  3  7 75      2.3  321.4   10.86     0.00

 1  3  7 75      4.9  279.0    9.76     0.00

 2  3  7 75      5.2  282.0    9.31     0.00

 3  3  7 75      6.5  280.5   10.16     0.00

 4  3  7 75      6.1  290.1   10.68     0.00

 5  3  7 75      5.7  272.8   10.20     0.00

 6  3  7 75      5.4  281.4   11.20     0.00

 7  3  7 75      3.2   79.8   17.22     0.00

 8  3  7 75      2.6  224.3   19.98     0.00

 9  3  7 75      5.2  233.8   22.09     0.00

10  3  7 75      7.0  235.8   23.71     0.00

11  3  7 75      6.1  293.9   23.97     0.00

12  3  7 75      5.2  190.5   24.80     0.00

13  3  7 75     10.3  254.6   25.55     0.00

14  3  7 75      5.0  147.4   26.34     0.00

15  3  7 75      8.6  253.7   26.81     0.00

16  3  7 75      7.5  218.6   27.06     0.00

17  3  7 75     10.6  257.5   26.47     0.00

18  3  7 75      8.4  269.9   26.27     0.00

19  3  7 75     10.6   56.6   23.01     0.00

20  3  7 75      4.3  231.4   18.59   999.00

21  3  7 75      2.7  125.3   17.64     0.00

22  3  7 75      5.6  286.9   16.69     0.00

23  3  7 75      4.7  298.1   15.62     0.00
```

```
 RIO BLANCO OIL SHALE PROJECT  SITE THREE

                 METEOROLOGICAL  DATA
HR  DY  MO  YR      WS10  WDR10   AT10     PREC
++  ++  ++  ++    +--------------------------------+

 0   4   7  75       4.4  286.6   14.04     0.00

 1   4   7  75       5.9  282.7   13.46     0.00

 2   4   7  75       1.7   78.1   11.00     0.00

 3   4   7  75       7.0  286.0    9.87     0.00

 4   4   7  75       6.8  275.5    9.95     0.00

 5   4   7  75       5.9  275.0    9.42     0.00

 6   4   7  75       2.3  287.2   11.12     0.00

 7   4   7  75       1.7  341.4   16.22     0.00

 8   4   7  75       3.6   71.7   18.89     0.00

 9   4   7  75       6.0   84.6   21.63     0.00

10   4   7  75       5.5   84.6   23.92     0.00

11   4   7  75       7.4  309.6   25.37     0.00

12   4   7  75      11.2   75.6   22.19     0.00

13   4   7  75       7.0   88.9   22.66     0.00

14   4   7  75      13.6  245.5   20.71     0.00

15   4   7  75       9.0  220.7   21.36     0.00

16   4   7  75       7.8  219.1   23.85     0.00

17   4   7  75       7.5  263.2   24.73     0.00

18   4   7  75       5.9  269.8   23.54     0.00

19   4   7  75       3.7  262.0   23.07     0.00

20   4   7  75       6.2  269.9   18.36     0.00

21   4   7  75       6.2  263.0   15.61     0.00

22   4   7  75     999.0  999.0  999.00   999.00

23   4   7  75       7.9  271.9   13.06     0.00
```

```
RIO BLANCO OIL SHALE PROJECT  SITE THREE

               METEOROLOGICAL  DATA
HR DY MO YR      WS10  WDR10    AT10      PREC
++ ++ ++ ++    +--------------------------------+

 0  5  7 75      9.1  278.5    13.19      0.00

 1  5  7 75      7.0  291.6    12.54      0.00

 2  5  7 75      4.4  266.5    10.10      0.00

 3  5  7 75      7.4  283.6     9.99      0.00

 4  5  7 75      6.7  285.6    10.22      0.00

 5  5  7 75      6.8  282.0     9.67      0.00

 6  5  7 75      1.8  333.3     9.68      0.00

 7  5  7 75      2.7  295.5    14.12      0.00

 8  5  7 75      3.9  100.6    18.80      0.00

 9  5  7 75      5.4   93.3    19.06      0.00

10  5  7 75      4.5   91.6    20.25      0.00

11  5  7 75      6.3   84.8    22.43      0.00

12  5  7 75      5.4   75.2    24.15      0.00

13  5  7 75      8.2   73.3    24.62      0.00

14  5  7 75      6.0   81.2    25.53      0.00

15  5  7 75      4.4   48.6    26.28      0.00

16  5  7 75      5.6   57.2    27.03      0.00

17  5  7 75      6.6   37.8    26.08      0.00

18  5  7 75      8.2  294.7    23.25      0.00

19  5  7 75      5.8  329.7    22.88      0.00

20  5  7 75     13.3   50.8    19.92      0.00

21  5  7 75      5.6   16.8    18.63      0.00

22  5  7 75      2.7  210.6    16.24      0.00

23  5  7 75      6.8  290.9    14.41      0.00
```

```
     RIO BLANCO OIL SHALE PROJECT  SITE THREE

               METEOROLOGICAL DATA
HR  DY  MO  YR      WS10  WDR10    AT10     PREC
++  ++  ++  ++     +--------------------------------+

 0   6   7  75       4.5  286.2   14.05     0.00

 1   6   7  75       7.0  282.9   12.64     0.00

 2   6   7  75       1.6  120.2   10.37     0.00

 3   6   7  75       6.8  283.5    8.92     0.00

 4   6   7  75       6.9  285.8    9.51     0.00

 5   6   7  75       7.1  286.6    9.09     0.00

 6   6   7  75       3.6  295.1   10.83     0.00

 7   6   7  75       4.1  102.9   14.80     0.00

 8   6   7  75       6.0  100.5   16.36     0.00

 9   6   7  75       6.3   38.7   18.46     0.00

10   6   7  75       7.5   76.8   20.26     0.00

11   6   7  75       6.5   54.1   22.27     0.00

12   6   7  75       8.6   78.2   23.45     0.00

13   6   7  75       7.0   41.4   24.96     0.00

14   6   7  75       6.0   96.4   25.81     0.00

15   6   7  75       9.3   56.3   26.55     0.00

16   6   7  75       6.8    6.9   27.01     0.00

17   6   7  75       6.8   39.6   27.21     0.00

18   6   7  75       8.3   61.9   26.64     0.00

19   6   7  75       3.7   52.8   25.92     0.00

20   6   7  75       6.1  283.3   20.00     0.00

21   6   7  75       9.4  276.2   16.68     0.00

22   6   7  75       9.3  278.3   15.76     0.00

23   6   7  75       8.5  288.1   14.84     0.00
```

```
RIO BLANCO OIL SHALE PROJECT  SITE THREE

               METEOROLOGICAL  DATA
HR DY MO YR      WS10  WDR10    AT10     PREC
++ ++ ++ ++    +------------------------------+

 0  7  7 75       6.9  282.5   13.97     0.00

 1  7  7 75       7.7  286.0   13.41     0.00

 2  7  7 75       6.6  294.6   13.58     0.00

 3  7  7 75       5.5  273.1   10.46     0.00

 4  7  7 75       5.4  265.4   10.43     0.00

 5  7  7 75       6.3  275.7   10.63     0.00

 6  7  7 75       5.3  287.0   12.91     0.00

 7  7  7 75       4.3   84.4   16.68     0.00

 8  7  7 75       3.2   75.4   19.88     0.00

 9  7  7 75       4.5   92.6   22.32     0.00

10  7  7 75       6.9   94.7   24.70     0.00

11  7  7 75       5.7   74.4   26.28     0.00

12  7  7 75       6.5   84.9   27.22     0.00

13  7  7 75       7.7   63.9   27.48     0.00

14  7  7 75      12.4   72.8   27.78     0.00

15  7  7 75       8.3   46.7   27.77     0.00

16  7  7 75      10.4   80.6   28.06     0.00

17  7  7 75       9.9   45.8   27.40     0.00

18  7  7 75       8.9   51.8   27.06     0.00

19  7  7 75       8.4   73.3   25.70     0.00

20  7  7 75       2.4  266.1   22.23     0.00

21  7  7 75       6.1  284.7   17.99     0.00

22  7  7 75       6.9  288.5   16.23     0.00

23  7  7 75       5.7  275.8   14.83     0.00
```

```
 RIO BLANCO OIL SHALE PROJECT  SITE THREE

               METEOROLOGICAL  DATA
HR DY MO YR      WS10  WDR10    AT10      PREC
++ ++ ++ ++     +--------------------------------+

 0  8  7 75      4.3  263.4    14.10     0.00

 1  8  7 75      6.3  277.5    13.10     0.00

 2  8  7 75      7.3  274.2    12.09     0.00

 3  8  7 75      6.6  288.5    11.88     0.00

 4  8  7 75      6.6  290.3    11.33     0.00

 5  8  7 75      6.1  286.2    10.49     0.00

 6  8  7 75      5.2  289.6    11.84     0.00

 7  8  7 75      1.4  145.5    18.24     0.00

 8  8  7 75      4.6   88.3    18.59     0.00

 9  8  7 75      5.6   94.4    20.82     0.00

10  8  7 75      5.2   95.1    22.84     0.00

11  8  7 75      6.7   78.7    24.70     0.00

12  8  7 75      6.4   17.8    26.30     0.00

13  8  7 75      6.1   70.3    25.59     0.00

14  8  7 75     11.8  257.3    20.59     0.00

15  8  7 75     10.7  247.9    18.02     0.00

16  8  7 75     10.1  258.0    18.38     0.00

17  8  7 75      5.1   79.9    20.49     0.00

18  8  7 75      8.4  334.2    21.76     0.00

19  8  7 75      2.4   75.7    20.21     0.00

20  8  7 75      2.8  287.6    18.11     0.00

21  8  7 75      5.4  266.5    14.86     0.00

22  8  7 75      8.8  267.6    14.35     0.00

23  8  7 75      9.4  248.8    15.18     0.00
```

```
 RIO BLANCO OIL SHALE PROJECT  SITE THREE

            METEOROLOGICAL  DATA
HR DY MO YR      WS10   WDR10    AT10     PREC
++ ++ ++ ++    +--------------------------------+

 0  9  7 75       3.8   280.2   15.67     0.00

 1  9  7 75       7.0    91.9   14.61     0.00

 2  9  7 75       6.6   214.1   14.40     0.00

 3  9  7 75       6.8   199.2   14.34     0.00

 4  9  7 75       8.2   275.2   13.66     0.00

 5  9  7 75       5.7   260.4   13.98     0.00

 6  9  7 75       8.4   256.7   14.11     0.00

 7  9  7 75       2.5    85.7   14.86     0.00

 8  9  7 75       2.6    77.7   17.43     0.00

 9  9  7 75       4.6   196.2   22.04     0.00

10  9  7 75       4.5   279.4   23.79     0.00

11  9  7 75       4.5   279.4   23.79     0.00

12  9  7 75       6.3   235.9   24.13     0.00

13  9  7 75       4.7   128.3   24.94     0.00

14  9  7 75       8.3   243.1   22.85     0.00

15  9  7 75     999.0   999.0  999.00   999.00

16  9  7 75     999.0   999.0  999.00   999.00

17  9  7 75       4.9    49.7   20.19     0.06

18  9  7 75      10.1    52.3   19.51     0.00

19  9  7 75       5.4    32.5   17.05     0.00

20  9  7 75       4.3   266.1   14.08     0.00

21  9  7 75       6.5   262.7   13.08     0.00

22  9  7 75       5.8   286.6   13.05     0.00

23  9  7 75       2.3   242.0   12.44     0.00
```

```
RIO BLANCO OIL SHALE PROJECT  SITE THREE

              METEOROLOGICAL  DATA
HR DY MO YR     WS10  WDR10   AT10     PREC
++ ++ ++ ++    +------------------------------+

 0 10  7 75     3.4  252.4   11.02     0.00

 1 10  7 75     5.8  271.0   10.50     0.00

 2 10  7 75     2.9  259.0    9.56     0.00

 3 10  7 75     4.9  268.6    9.83     0.00

 4 10  7 75     1.4  186.5    8.59     0.00

 5 10  7 75     5.7  280.7    8.39     0.00

 6 10  7 75     5.6  301.0   10.20     0.00

 7 10  7 75     3.2   95.6   15.51     0.00

 8 10  7 75     2.5  120.8   17.42     0.00

 9 10  7 75     2.7   74.2   18.59     0.00

10 10  7 75     4.6   75.8   19.87     0.00

11 10  7 75     5.9   86.2   21.22     0.00

12 10  7 75     5.7   79.7   22.31     0.00

13 10  7 75     6.7   68.2   23.76     0.02

14 10  7 75     7.7   40.7   24.88     0.00

15 10  7 75     6.3   56.2   25.14     0.00

16 10  7 75     6.8   59.4   25.67     0.00

17 10  7 75    11.0   62.4   24.91     0.00

18 10  7 75     6.3   76.4   23.10     0.00

19 10  7 75     1.8   94.9   21.66     0.00

20 10  7 75     2.8  293.5   18.78     0.00

21 10  7 75     6.7  263.9   15.23     0.00

22 10  7 75     8.2  273.1   13.74     0.00

23 10  7 75     7.5  286.1   13.42     0.00
```

```
 RIO BLANCO OIL SHALE PROJECT  SITE THREE

               METEOROLOGICAL  DATA
HR  DY  MO  YR      WS10   WDR10     AT10      PREC
++  ++  ++  ++    +---------------------------------+

 0  11   7  75       7.6   284.7    12.31      0.00

 1  11   7  75       7.3   277.7    11.60      0.00

 2  11   7  75       7.6   283.8    10.99      0.00

 3  11   7  75       6.9   277.0    10.17      0.00

 4  11   7  75       7.0   279.0     9.55      0.00

 5  11   7  75       7.1   291.6     9.12      0.00

 6  11   7  75       5.4   287.9    10.31      0.00

 7  11   7  75       2.3    61.4    15.62      0.00

 8  11   7  75       3.3    79.9    17.63      0.00

 9  11   7  75       4.3    77.1    18.99      0.00

10  11   7  75       5.0    69.0    20.60      0.00

11  11   7  75       6.1    97.2    22.21      0.00

12  11   7  75       6.4    67.2    23.39      0.00

13  11   7  75       7.5   100.3    23.45      0.00

14  11   7  75       7.3    42.7    24.48      0.00

15  11   7  75       7.7   352.7    24.86      0.00

16  11   7  75       9.0    58.2    24.91      0.00

17  11   7  75      10.5    68.9    24.66      0.00

18  11   7  75       7.8    56.3    24.60      0.00

19  11   7  75       6.4    75.4    22.27      0.00

20  11   7  75       2.1   242.9    18.07      0.00

21  11   7  75       4.4   278.9    13.83      0.00

22  11   7  75       8.6   279.5    13.59      0.00

23  11   7  75       7.4   282.1    12.36      0.00
```

```
  RIO BLANCO OIL SHALE PROJECT  SITE THREE

                METEOROLOGICAL DATA
HR DY MO YR      WS10  WDR10   AT10     PREC
++ ++ ++ ++     +-------------------------------+

 0 12  7 75      7.1  282.9   11.94     0.00

 1 12  7 75      6.7  276.9   11.60     0.00

 2 12  7 75      6.2  274.5   10.68     0.00

 3 12  7 75      7.1  287.1    9.78     0.00

 4 12  7 75      7.1  288.8    8.56     0.00

 5 12  7 75      6.1  282.2    7.28     0.00

 6 12  7 75      5.0  283.4    9.33     0.00

 7 12  7 75      3.1   83.3   12.38     0.00

 8 12  7 75      3.6   93.9   16.84     0.00

 9 12  7 75      5.6   88.9   17.96     0.00

10 12  7 75      4.5   85.4   19.78     0.00

11 12  7 75      2.4  159.2   21.60     0.00

12 12  7 75      3.5  261.9   21.88     0.00

13 12  7 75      3.3  354.0   23.03     0.00

14 12  7 75      3.2  161.4   23.66     0.04

15 12  7 75      5.7  311.6   24.61     0.00

16 12  7 75      4.6   75.6   24.13     0.00

17 12  7 75      1.3  279.3   24.26     0.00

18 12  7 75      3.3  280.2   24.77     0.00

19 12  7 75      7.9  251.2   21.59     0.00

20 12  7 75      6.9  239.2   18.56     0.00

21 12  7 75      5.5  239.9   17.12     0.00

22 12  7 75      7.0  233.7   16.16     0.00

23 12  7 75      6.6  233.5   15.61     0.00
```

```
  RIO BLANCO OIL SHALE PROJECT  SITE THREE

                 METEOROLOGICAL  DATA
 HR DY MO YR      WS10  WDR10    AT10     PREC
 ++ ++ ++ ++     +-------------------------------+

  0 13  7 75      1.6  187.0    12.19     0.00

  1 13  7 75      2.4  304.1    11.06     0.00

  2 13  7 75      6.5  273.2    10.92     0.00

  3 13  7 75      4.1  271.7     9.86     0.00

  4 13  7 75      4.0  272.2     9.36     0.00

  5 13  7 75      1.6  282.5     9.06     0.00

  6 13  7 75      2.8  280.0    11.23     0.00

  7 13  7 75      3.0   31.1    16.05     0.00

  8 13  7 75      3.7  267.1    19.68     0.00

  9 13  7 75      7.9  238.8    21.36     0.00

 10 13  7 75      6.1  251.0    21.88     0.00

 11 13  7 75     10.6  244.1    22.70     0.00

 12 13  7 75     11.5  259.4    23.07     0.00

 13 13  7 75      8.9  238.6    23.45     0.00

 14 13  7 75     16.2  276.5    22.26     0.00

 15 13  7 75      6.8  236.0    22.90     0.00

 16 13  7 75     11.4  252.7    24.31     0.00

 17 13  7 75     12.4  270.8    22.39     0.00

 18 13  7 75      6.6  253.9    22.25     0.00

 19 13  7 75      6.1  273.3    22.15     0.00

 20 13  7 75      4.2  261.0    19.45     0.00

 21 13  7 75      5.2  250.6    16.97     0.00

 22 13  7 75      3.8  264.8    15.38     0.00

 23 13  7 75      5.2  279.7    12.31     0.00
```

```
RIO BLANCO OIL SHALE PROJECT  SITE THREE

               METEOROLOGICAL DATA
HR DY MO YR      WS10  WDR10    AT10     PREC
++ ++ ++ ++    +-----------------------------+

 0 14  7 75       5.4  282.1   12.12     0.00

 1 14  7 75       6.1  266.6   10.85     0.00

 2 14  7 75       6.9  282.0   10.97     0.00

 3 14  7 75       6.3  290.5   11.05     0.00

 4 14  7 75       6.8  277.4   10.80     0.00

 5 14  7 75       6.9  290.4   10.12     0.00

 6 14  7 75       2.9  274.9   11.79     0.00

 7 14  7 75       3.6   85.6   15.44     0.00

 8 14  7 75       2.0   37.7   19.93     0.00

 9 14  7 75       3.0   98.9   22.04     0.00

10 14  7 75       4.6   86.3   22.98     0.00

11 14  7 75       8.1   75.5   24.17     0.00

12 14  7 75       5.8   49.4   25.33     0.00

13 14  7 75      11.1  261.4   19.64     0.00

14 14  7 75       4.5  257.6   21.64     0.00

15 14  7 75       3.4   96.6   27.40     0.00

16 14  7 75       8.9  254.1   22.35     0.00

17 14  7 75       3.8  248.1   26.50     0.00

18 14  7 75       8.0  250.9   23.25     0.00

19 14  7 75       7.3  247.9   21.36     0.00

20 14  7 75       4.6  338.7   21.59     0.00

21 14  7 75       1.7  316.6   19.61     0.00

22 14  7 75       4.6  173.7   19.10     0.00

23 14  7 75       8.0  199.7   18.56     0.00
```

```
RIO BLANCO OIL SHALE PROJECT  SITE THREE

                  METEOROLOGICAL DATA
HR DY MO YR      WS10  WDR10    AT10     PREC
++ ++ ++ ++    +------------------------------+

 0 15  7 75      7.9  215.4    17.72     0.00

 1 15  7 75      6.2  255.4    17.36     0.00

 2 15  7 75      5.0   71.4    15.91     0.00

 3 15  7 75      1.8  123.6    13.57     0.00

 4 15  7 75      6.6  231.8    10.30     0.00

 5 15  7 75      5.4  200.3    10.25     0.00

 6 15  7 75      3.7  278.0    11.52     0.00

 7 15  7 75      3.0  285.1    13.47     0.00

 8 15  7 75      2.4   70.6    18.24     0.00

 9 15  7 75      3.3  165.9    21.64     0.00

10 15  7 75      3.7   91.9    23.03     0.00

11 15  7 75      3.4  304.8    23.70     0.00

12 15  7 75      5.3  239.4    24.36     0.00

13 15  7 75      6.1  220.2    25.56     0.00

14 15  7 75      9.0  328.8    22.58     0.00

15 15  7 75      8.8   99.8    20.61     0.00

16 15  7 75      7.2   77.6    22.22     0.00

17 15  7 75      6.7   57.5    22.82     0.00

18 15  7 75      4.9   14.7    22.39     0.00

19 15  7 75      7.5  319.1    19.33     0.00

20 15  7 75      6.1  219.1    19.22     0.00

21 15  7 75      4.0  253.2    14.79     0.01

22 15  7 75      7.5  279.1    13.62     0.00

23 15  7 75      2.6  233.6    13.59     0.00
```

```
RIO BLANCO OIL SHALE PROJECT  SITE THREE

             METEOROLOGICAL DATA
HR DY MO YR      WS10  WDR10    AT10     PREC
++ ++ ++ ++     +-------------------------------+

 0 16  7 75      6.8  284.7    12.96     0.00

 1 16  7 75      7.1  288.1    11.92     0.00

 2 16  7 75      3.5  247.4    11.89     0.00

 3 16  7 75      4.9  275.0    11.40     0.00

 4 16  7 75      3.3   47.1    12.97     0.00

 5 16  7 75      2.8  268.9    11.00     0.00

 6 16  7 75      6.5  281.1    10.61     0.00

 7 16  7 75      3.2  301.0    14.32     0.00

 8 16  7 75      4.5   49.2    17.14     0.00

 9 16  7 75      8.9  203.6    18.67     0.00

10 16  7 75      9.6  223.9    13.58     0.00

11 16  7 75      2.4   17.9    14.27     0.00

12 16  7 75      3.8   78.1    14.08     0.00

13 16  7 75      5.3  217.1    13.26     0.00

14 16  7 75      1.9  308.7    13.22     0.00

15 16  7 75      8.9  112.4    16.28     0.00

16 16  7 75      5.0  131.4    17.57     0.00

17 16  7 75      4.4   81.1    18.27     0.00

18 16  7 75     11.3  309.4    13.50     0.00

19 16  7 75      5.5  101.4    13.56     0.00

20 16  7 75      5.3  279.8    11.19     0.00

21 16  7 75      6.1  115.1    11.08     0.00

22 16  7 75      4.9  280.5    10.76     0.00

23 16  7 75      5.8  199.6    10.82     0.00
```

```
 RIO BLANCO OIL SHALE PROJECT  SITE THREE

                METEOROLOGICAL DATA
HR DY MO YR       WS10  WDR10     AT10      PREC
++ ++ ++ ++     +--------------------------------+

 0 17  7 75      3.7  277.5     9.21      0.00

 1 17  7 75      3.2  275.7     7.73      0.00

 2 17  7 75      4.1  264.1     6.98      0.00

 3 17  7 75      4.9  278.0     6.08      0.00

 4 17  7 75      3.9  267.1     5.86      0.00

 5 17  7 75      5.4  282.7     5.82      0.00

 6 17  7 75      5.3  289.3     7.17      0.00

 7 17  7 75      2.3   77.4    11.85      0.00

 8 17  7 75      3.5   95.2    14.54      0.00

 9 17  7 75      8.7  235.5    18.39      0.00

10 17  7 75     11.7  225.3    19.55      0.00

11 17  7 75      9.4  242.4    20.48      0.00

12 17  7 75      9.6  236.3    21.03      0.00

13 17  7 75     11.7  256.5    20.74      0.00

14 17  7 75      5.3  235.9    17.37      0.00

15 17  7 75     12.5  239.4    21.61      0.00

16 17  7 75     10.8  226.0    21.90      0.00

17 17  7 75     12.6  251.3    22.71      0.00

18 17  7 75      7.5  256.5    22.64      0.00

19 17  7 75      5.1  260.0    20.19      0.00

20 17  7 75      6.1  278.9    15.14      0.00

21 17  7 75      7.7  272.9    13.14      0.00

22 17  7 75      6.8  279.5    12.63      0.00

23 17  7 75      6.3  284.1    13.93      0.00
```

```
RIO BLANCO OIL SHALE PROJECT  SITE THREE

                METEOROLOGICAL DATA
HR DY MO YR      WS10  WDR10    AT10      PREC
++ ++ ++ ++    +--------------------------------+

 0 18  7 75      2.9  258.2    13.88      0.00

 1 18  7 75      3.0  291.0    13.15      0.00

 2 18  7 75      1.9  110.2    11.81      0.00

 3 18  7 75      4.3  277.1    10.84      0.00

 4 18  7 75      4.7  276.0     8.44      0.00

 5 18  7 75      5.3  276.5     7.98      0.00

 6 18  7 75      4.6  273.4    10.26      0.00

 7 18  7 75      1.2  192.4    15.87      0.00

 8 18  7 75      3.1  168.9    20.70      0.00

 9 18  7 75      7.8  249.6    21.51      0.00

10 18  7 75      6.5  248.6    22.50      0.00

11 18  7 75      8.1  277.2    23.25      0.00

12 18  7 75      7.4  280.1    24.12      0.00

13 18  7 75      6.6  250.8    23.85      0.00

14 18  7 75      7.5  219.0    24.84      0.00

15 18  7 75      5.7  235.8    25.10      0.00

16 18  7 75      9.0  262.7    25.50      0.00

17 18  7 75      5.8  243.0    25.04      0.00

18 18  7 75      2.7  226.5    24.42      0.00

19 18  7 75      4.4  243.2    22.95      0.00

20 18  7 75      7.9  264.4    16.78      0.00

21 18  7 75      7.2  280.8    14.51      0.00

22 18  7 75      7.1  277.9    14.32      0.00

23 18  7 75      3.8  245.5    13.27      0.00
```

```
RIO BLANCO OIL SHALE PROJECT  SITE THREE

              METEOROLOGICAL DATA
HR DY MO YR     WS10  WDR10   AT10     PREC
++ ++ ++ ++    +--------------------------------+

 0 19  7 75      4.7  271.7   11.67     0.00

 1 19  7 75      7.9  276.5   11.35     0.00

 2 19  7 75      7.4  289.6   11.27     0.00

 3 19  7 75      6.4  281.4   10.50     0.00

 4 19  7 75      6.1  286.6   10.37     0.00

 5 19  7 75      6.2  278.3    9.50     0.00

 6 19  7 75      4.4  286.8   11.89     0.00

 7 19  7 75      2.0   92.2   15.78     0.00

 8 19  7 75      5.0   74.8   18.24     0.00

 9 19  7 75      5.3   66.2   21.01     0.00

10 19  7 75      5.2   79.7   24.07     0.00

11 19  7 75      6.7  304.4   25.41     0.00

12 19  7 75      5.2   38.0   25.62     0.00

13 19  7 75      4.9  291.1   25.91     0.00

14 19  7 75      6.4   79.2   25.01     0.00

15 19  7 75      3.3   52.8   26.10     0.00

16 19  7 75      3.4  299.4   26.20     0.00

17 19  7 75      5.4   73.0   26.86     0.00

18 19  7 75      5.3  294.2   26.95     0.00

19 19  7 75      3.0  305.2   26.94     0.00

20 19  7 75      8.5  284.7   19.42     0.00

21 19  7 75      8.9  289.2   17.31     0.00

22 19  7 75      8.8  278.2   15.35     0.00

23 19  7 75      7.4  275.6   15.62     0.00
```

```
RIO BLANCO OIL SHALE PROJECT  SITE THREE

              METEOROLOGICAL DATA
HR DY MO YR      WS10  WDR10   AT10     PREC
++ ++ ++ ++    +--------------------------------+

 0 20  7 75       7.4  287.8   15.19    0.00

 1 20  7 75       7.7  292.6   14.31    0.00

 2 20  7 75       7.1  286.1   13.63    0.00

 3 20  7 75       5.7  278.1   12.83    0.00

 4 20  7 75       6.7  285.6   12.59    0.00

 5 20  7 75       4.1  277.9   12.56    0.00

 6 20  7 75       2.7  275.3   11.80    0.00

 7 20  7 75     999.0  999.0  999.00    0.00

 8 20  7 75       3.0   66.7   20.46    0.00

 9 20  7 75       4.1   66.7   21.00    0.00

10 20  7 75       5.0   67.8   23.57    0.00

11 20  7 75       6.8   91.1   24.83    0.00

12 20  7 75       5.3  127.4   25.53    0.00

13 20  7 75       3.8  299.7   26.49    0.00

14 20  7 75      17.3  270.0   24.72    0.00

15 20  7 75       8.6  283.1   26.68    0.00

16 20  7 75       7.1  104.6   26.17    0.00

17 20  7 75       8.7   18.9   24.92    0.00

18 20  7 75      10.7   55.2   22.64    0.00

19 20  7 75       7.2   74.7   21.56    0.00

20 20  7 75       5.0  276.4   17.72    0.00

21 20  7 75       6.9  281.2   14.63    0.00

22 20  7 75       6.5  278.3   13.33    0.00

23 20  7 75       6.1  287.8   12.98    0.00
```

```
  RIO BLANCO OIL SHALE PROJECT  SITE THREE

               METEOROLOGICAL DATA
HR DY MO YR      WS10  WDR10   AT10     PREC
++ ++ ++ ++    +------------------------------+

 0 21  7 75      3.2  285.3   11.93     0.00

 1 21  7 75      6.8  275.8   10.90     0.00

 2 21  7 75      8.5  283.5   10.85     0.00

 3 21  7 75      6.5  282.8   11.00     0.00

 4 21  7 75      7.2  278.1   10.60     0.00

 5 21  7 75      5.9  269.6   10.24     0.00

 6 21  7 75      3.7  286.1   11.35     0.00

 7 21  7 75      2.6   64.9   14.37     0.00

 8 21  7 75      2.4   78.5   17.42     0.00

 9 21  7 75      2.7   69.2   21.95     0.00

10 21  7 75      4.3   84.2   23.03     0.00

11 21  7 75      5.5   38.3   23.71     0.00

12 21  7 75      3.6  106.2   24.96     0.00

13 21  7 75      3.3  100.9   26.20     0.00

14 21  7 75      8.2  109.3   25.25     0.00

15 21  7 75      5.0  114.1   25.76     0.00

16 21  7 75      3.2   24.3   23.11     0.00

17 21  7 75     10.1  264.8   20.67     0.00

18 21  7 75      5.4   34.6   20.81     0.00

19 21  7 75      5.3  241.8   20.14     0.00

20 21  7 75      4.2   98.2   18.78     0.00

21 21  7 75      8.0  281.9   13.71     0.00

22 21  7 75      5.2  266.9   12.63     0.00

23 21  7 75      6.0  277.0   11.70     0.00
```

```
RIO BLANCO OIL SHALE PROJECT  SITE THREE

              METEOROLOGICAL DATA
HR DY MO YR     WS10  WDR10   AT10    PREC
++ ++ ++ ++   +-------------------------------+

 0 22  7 75      5.8  261.5  10.09    0.00

 1 22  7 75      6.9  276.8   8.93    0.00

 2 22  7 75      4.4  265.2   8.92    0.00

 3 22  7 75      6.8  285.0   8.45    0.00

 4 22  7 75      6.4  282.5   8.29    0.00

 5 22  7 75      6.6  281.2   8.51    0.00

 6 22  7 75      3.2  220.5   9.73    0.00

 7 22  7 75      4.0   85.2  13.35    0.00

 8 22  7 75      3.1   55.6  18.13    0.00

 9 22  7 75      5.1   66.6  20.49    0.00

10 22  7 75      5.8   72.0  22.20    0.00

11 22  7 75      4.7  112.5  25.01    0.00

12 22  7 75     10.5  258.0  25.67    0.00

13 22  7 75     11.0  284.4  25.78    0.00

14 22  7 75      9.9  250.2  26.41    0.00

15 22  7 75     12.5  247.8  26.67    0.00

16 22  7 75      6.3  221.6  26.98    0.00

17 22  7 75      5.9  330.5  27.40    0.00

18 22  7 75      4.3  316.5  27.10    0.00

19 22  7 75      3.1  345.5  25.46    0.00

20 22  7 75      3.8  274.8  18.02    0.00

21 22  7 75      7.0  269.8  15.62    0.00

22 22  7 75      6.1  284.1  14.51    0.00

23 22  7 75      7.3  270.6  14.74    0.00
```

```
 RIO BLANCO OIL SHALE PROJECT  SITE THREE

                 METEOROLOGICAL DATA
HR DY MO YR       WS10  WDR10    AT10     PREC
++ ++ ++ ++      +--------------------------------+

 0 23  7 75        6.2  280.7   15.47     0.00

 1 23  7 75        5.9  279.5   13.05     0.00

 2 23  7 75        8.2  288.6   11.97     0.00

 3 23  7 75        8.5  287.2   11.72     0.00

 4 23  7 75        7.0  283.1   10.31     0.00

 5 23  7 75        8.1  285.5   10.16     0.00

 6 23  7 75        5.9  283.3   11.06     0.00

 7 23  7 75        2.1  296.3   16.40     0.00

 8 23  7 75        4.1  101.7   20.42     0.00

 9 23  7 75        5.3   96.9   20.53     0.00

10 23  7 75        7.3   89.9   22.34     0.00

11 23  7 75        8.7   72.2   23.55     0.00

12 23  7 75        6.7  305.4   24.25     0.00

13 23  7 75        8.3  334.9   25.23     0.00

14 23  7 75        5.8   41.4   25.74     0.00

15 23  7 75        7.1   75.6   26.02     0.00

16 23  7 75        8.0   37.0   26.83     0.00

17 23  7 75        7.7  354.9   26.91     0.00

18 23  7 75        4.0  350.0   25.34     0.00

19 23  7 75        2.6    3.1   24.98     0.00

20 23  7 75        5.9  281.6   18.49     0.00

21 23  7 75        4.6  279.5   16.25     0.00

22 23  7 75        7.5  284.2   13.66     0.00

23 23  7 75        6.6  285.9   12.70     0.00
```

```
RIO BLANCO OIL SHALE PROJECT  SITE THREE

                METEOROLOGICAL DATA
HR DY MO YR       WS10  WDR10    AT10     PREC
++ ++ ++ ++     +--------------------------------+

 0 24  7 75        6.9  288.5   11.70     0.00

 1 24  7 75        7.0  280.3   11.15     0.00

 2 24  7 75        6.4  279.7    9.89     0.00

 3 24  7 75        5.3  284.5   10.18     0.00

 4 24  7 75        5.5  276.1    8.68     0.00

 5 24  7 75        7.0  278.5    8.54     0.00

 6 24  7 75        6.1  286.2   10.11     0.00

 7 24  7 75        3.2   54.7   15.70     0.00

 8 24  7 75        5.9   96.5   16.06     0.00

 9 24  7 75        5.5   94.2   19.20     0.00

10 24  7 75        6.8   96.6   21.38     0.00

11 24  7 75        7.9   95.7   22.98     0.00

12 24  7 75        5.9   85.4   24.67     0.00

13 24  7 75        9.9  300.2   25.37     0.00

14 24  7 75        8.6  288.4   25.75     0.00

15 24  7 75        8.5  306.5   26.21     0.00

16 24  7 75        5.9  310.0   26.76     0.00

17 24  7 75        7.9  296.4   26.73     0.00

18 24  7 75        3.4  313.9   26.22     0.00

19 24  7 75        2.9  322.5   25.83     0.00

20 24  7 75        2.6  298.0   18.97     0.00

21 24  7 75        8.0  282.9   16.12     0.00

22 24  7 75        6.9  273.7   14.02     0.00

23 24  7 75        9.1  282.8   13.31     0.00
```

```
   RIO BLANCO OIL SHALE PROJECT  SITE THREE

                 METEOROLOGICAL  DATA
  HR  DY  MO  YR      WS10  WDR10    AT10      PREC
  ++  ++  ++  ++     +---------------------------------+

   0  25   7  75       9.2  288.7   12.86      0.00

   1  25   7  75       5.0  275.6   11.52      0.00

   2  25   7  75       5.7  279.4   10.25      0.00

   3  25   7  75       7.5  280.7    8.89      0.00

   4  25   7  75       6.7  276.0    9.07      0.00

   5  25   7  75       6.7  265.0    9.10      0.00

   6  25   7  75       4.9  276.9    9.71      0.00

   7  25   7  75       1.8  109.4   15.18      0.00

   8  25   7  75       4.2   98.7   17.44      0.00

   9  25   7  75       5.0   94.9   19.83      0.00

  10  25   7  75       5.0   98.5   20.52      0.00

  11  25   7  75       7.3   96.9   23.64      0.00

  12  25   7  75       6.9   85.7   23.84      0.00

  13  25   7  75       8.9  217.5   25.14      0.00

  14  25   7  75       6.3  279.6   26.39      0.00

  15  25   7  75       8.4    0.0   26.98      0.00

  16  25   7  75      13.0   73.5   26.16      0.00

  17  25   7  75       7.6  119.3   24.25      0.00

  18  25   7  75       4.1  133.4   25.49      0.00

  19  25   7  75       3.5  129.1   23.94      0.00

  20  25   7  75       6.5  269.1   18.35      0.00

  21  25   7  75       5.7  268.9   16.39      0.00

  22  25   7  75       5.8  283.5   14.52      0.00

  23  25   7  75       5.9  289.5   12.11      0.00
```

```
RIO BLANCO OIL SHALE PROJECT  SITE THREE

              METEOROLOGICAL DATA
HR DY MO YR     WS10  WDR10   AT10     PREC
++ ++ ++ ++     +-------------------------------+

 0 26  7 75      5.9  283.7   10.91     0.00

 1 26  7 75      7.4  269.7    9.76     0.00

 2 26  7 75      6.1  268.4    9.28     0.00

 3 26  7 75      7.0  279.9    8.78     0.00

 4 26  7 75      6.7  276.1    7.87     0.00

 5 26  7 75      5.3  272.9    7.29     0.00

 6 26  7 75      6.3  279.6    8.74     0.00

 7 26  7 75      3.0  279.5   11.94     0.00

 8 26  7 75      6.4   77.1   15.89     0.00

 9 26  7 75      4.9   81.7   18.84     0.00

10 26  7 75      4.0   97.9   23.20     0.00

11 26  7 75      5.4   99.5   24.54     0.00

12 26  7 75      7.7   51.3   25.54     0.00

13 26  7 75      6.9   81.6   26.63     0.00

14 26  7 75      6.2   63.9   27.15     0.00

15 26  7 75      6.6   95.1   26.44     0.00

16 26  7 75      7.8  140.8   26.20     0.00

17 26  7 75      3.8  300.4   25.82     0.00

18 26  7 75      5.3   80.3   25.67     0.00

19 26  7 75      6.0   79.0   24.16     0.00

20 26  7 75      5.6  104.2   21.70     0.00

21 26  7 75      5.3  275.5   16.32     0.00

22 26  7 75      5.2  272.3   13.27     0.00

23 26  7 75      6.9  288.4   12.39     0.00
```

```
 RIO BLANCO OIL SHALE PROJECT  SITE THREE

              METEOROLOGICAL  DATA
HR DY MO YR     WS10  WDR10   AT10     PREC
++ ++ ++ ++    +-------------------------------+

 0 27  7 75     6.2  277.5   11.62     0.00

 1 27  7 75     5.2  266.1    9.61     0.00

 2 27  7 75     7.0  287.2    9.82     0.00

 3 27  7 75     5.9  282.0    9.68     0.00

 4 27  7 75     6.4  268.3    8.21     0.00

 5 27  7 75     6.6  274.1    7.18     0.00

 6 27  7 75     5.2  281.0    9.19     0.00

 7 27  7 75     2.4  300.7   15.16     0.00

 8 27  7 75     4.2   79.3   18.70     0.00

 9 27  7 75     6.1   60.7   21.08     0.00

10 27  7 75     6.1   56.8   23.55     0.00

11 27  7 75     6.2   55.2   25.05     0.00

12 27  7 75     4.2   86.1   25.77     0.00

13 27  7 75     6.5  142.1   26.89     0.00

14 27  7 75     5.8   98.4   27.66     0.00

15 27  7 75     7.0  126.0   28.12     0.00

16 27  7 75     6.8  183.0   28.32     0.00

17 27  7 75    12.3  256.4   24.86     0.00

18 27  7 75     8.7  247.6   22.68     0.00

19 27  7 75     8.0  256.5   20.72     0.00

20 27  7 75     8.1  269.0   17.55     0.00

21 27  7 75     2.9  267.3   17.41     0.00

22 27  7 75     4.8  272.3   15.05     0.00

23 27  7 75     6.7  288.8   12.96     0.00
```

```
RIO BLANCO OIL SHALE PROJECT  SITE THREE

              METEOROLOGICAL DATA
HR DY MO YR     WS10  WDR10    AT10     PREC
++ ++ ++ ++    +--------------------------------+

 0 28  7 75      5.7  271.1   12.32     0.00

 1 28  7 75      4.8  277.6   11.10     0.00

 2 28  7 75      6.2  279.1   12.58     0.00

 3 28  7 75      4.2  269.7   13.93     0.00

 4 28  7 75      6.4  271.7   15.05     0.00

 5 28  7 75      7.2  286.6   12.93     0.00

 6 28  7 75      4.2  278.1   11.20     0.00

 7 28  7 75      4.6  287.7   12.05     0.00

 8 28  7 75      2.2  115.5   19.94     0.00

 9 28  7 75      4.8   88.4   22.95     0.00

10 28  7 75      5.9  224.4   25.00     0.00

11 28  7 75      2.9  167.8   25.01     0.00

12 28  7 75      7.1  162.0   20.20     0.00

13 28  7 75      8.5  126.1   20.05     0.00

14 28  7 75      6.1  288.2   21.92     0.00

15 28  7 75      6.1  203.6   24.46     0.00

16 28  7 75      5.4  201.6   24.34     0.00

17 28  7 75      6.2  188.8   24.82     0.00

18 28  7 75      5.0   64.8   24.91     0.00

19 28  7 75      1.9   36.0   23.63     0.00

20 28  7 75      6.9  259.2   19.45     0.00

21 28  7 75      8.5  256.8   19.47     0.00

22 28  7 75      6.6  259.5   18.53     0.00

23 28  7 75      4.9  267.3   15.32     0.00
```

```
RIO BLANCO OIL SHALE PROJECT  SITE THREE

              METEOROLOGICAL  DATA
HR DY MO YR      WS10  WDR10    AT10      PREC
++ ++ ++ ++    +--------------------------------+

 0 29  7 75      4.2  258.3    14.68      0.00

 1 29  7 75      4.5  274.4    12.71      0.00

 2 29  7 75      5.2  277.6    11.67      0.00

 3 29  7 75      5.6  279.0    11.76      0.00

 4 29  7 75      2.7  249.6    13.32      0.00

 5 29  7 75      3.9  108.1    14.85      0.00

 6 29  7 75      2.1  277.3    13.84      0.00

 7 29  7 75      3.0  262.9    16.37      0.00

 8 29  7 75      3.6  256.6    18.79      0.00

 9 29  7 75      9.4  227.7    20.85      0.00

10 29  7 75      8.1  245.4    19.90      0.00

11 29  7 75      8.9  232.0    22.41      0.00

12 29  7 75      6.0  232.5    22.98      0.00

13 29  7 75      8.0  208.1    23.61      0.00

14 29  7 75     10.8  209.1    23.60      0.00

15 29  7 75      8.0  204.6    24.15      0.00

16 29  7 75     10.4  222.0    24.12      0.00

17 29  7 75     10.5  186.4    24.58      0.00

18 29  7 75     10.6  226.8    22.55      0.00

19 29  7 75      6.7  234.0    21.25      0.00

20 29  7 75     15.9  259.2    13.66      0.01

21 29  7 75      7.4  235.1    13.71      0.00

22 29  7 75      4.6   82.9    13.61      0.00

23 29  7 75      4.3  284.7    14.04      0.00
```

```
RIO BLANCO OIL SHALE PROJECT  SITE THREE

              METEOROLOGICAL DATA
HR DY MO YR      WS10  WDR10    AT10      PREC
++ ++ ++ ++    +-------------------------------+

 0 30  7 75      6.0  268.0   13.07      0.00

 1 30  7 75      2.4   91.0   11.97      0.00

 2 30  7 75      2.0  259.1   10.49      0.00

 3 30  7 75      3.0  279.4    9.30      0.00

 4 30  7 75      4.1  275.2    9.55      0.00

 5 30  7 75      4.2  278.5    9.07      0.00

 6 30  7 75      2.5  276.1    9.97      0.00

 7 30  7 75      6.6  265.8   12.92      0.00

 8 30  7 75      4.7  230.4   11.60      0.00

 9 30  7 75      2.2  244.7   12.58      0.00

10 30  7 75    999.0  999.0  999.00    999.00

11 30  7 75      4.0   51.7   17.50      0.00

12 30  7 75      7.2  242.9   19.45      0.00

13 30  7 75      7.7  232.6   21.18      0.00

14 30  7 75     12.0  237.1   21.59      0.00

15 30  7 75      8.7  228.8   22.22      0.00

16 30  7 75     13.4  250.2   22.45      0.00

17 30  7 75     10.6  220.9   22.72      0.00

18 30  7 75     10.5  229.5   22.57      0.00

19 30  7 75      7.0  219.2   20.94      0.00

20 30  7 75      5.3  278.1   15.79      0.00

21 30  7 75      7.1  291.9   12.73      0.00

22 30  7 75      1.7  154.5   10.71      0.00

23 30  7 75      5.8  274.7    9.66      0.00
```

RIO BLANCO OIL SHALE PROJECT SITE THREE

```
              METEOROLOGICAL DATA
HR DY MO YR     WS10  WDR10   AT10     PREC
++ ++ ++ ++   +--------------------------------+

 0 31  7 75      4.8  259.6    8.72    0.00

 1 31  7 75      6.3  274.4    8.21    0.00

 2 31  7 75      4.0  270.0    8.57    0.00

 3 31  7 75      3.3  251.8   10.94    0.00

 4 31  7 75      6.6  233.9   13.42    0.00

 5 31  7 75      4.9  274.7   10.76    0.00

 6 31  7 75      2.0  303.9    9.14    0.00

 7 31  7 75      2.2  308.7   12.06    0.00

 8 31  7 75      4.7   82.8   15.95    0.00

 9 31  7 75      4.9   61.3   17.63    0.00

10 31  7 75      5.2   22.1   20.55    0.00

11 31  7 75      8.3  112.9   21.91    0.00

12 31  7 75     11.0  236.1   23.37    0.00

13 31  7 75      9.6  310.1   21.19    0.00

14 31  7 75     13.8  279.0   21.92    0.00

15 31  7 75     10.9  283.3   22.52    0.00

16 31  7 75     13.2  287.7   23.29    0.00

17 31  7 75     12.9  274.1   23.04    0.00

18 31  7 75     12.4  259.8   21.98    0.00

19 31  7 75      5.5  260.6   19.78    0.00

20 31  7 75      9.2  274.7   17.62    0.00

21 31  7 75     23.2  284.6   12.99    0.00

22 31  7 75      7.0  246.0   13.86    0.00

23 31  7 75      4.7   55.9   15.26    0.00
```

```
RIO BLANCO OIL SHALE PROJECT  SITE THREE

                METEOROLOGICAL DATA
HR DY MO YR      WS10  WDR10    AT10     PREC
++ ++ ++ ++    +------------------------------+

 0  1  8 75       4.1   23.4   13.81     0.00

 1  1  8 75       3.5    5.7   12.98     0.00

 2  1  8 75       3.0  312.4   12.39     0.00

 3  1  8 75       1.1  207.1   11.86     0.00

 4  1  8 75       4.0  275.5   10.76     0.00

 5  1  8 75       7.3  273.7    8.28     0.00

 6  1  8 75       7.1  289.3    6.65     0.00

 7  1  8 75       2.9  270.6   10.75     0.00

 8  1  8 75       4.8   93.8   14.99     0.00

 9  1  8 75       7.2   79.9   15.69     0.00

10  1  8 75       6.3   86.2   16.82     0.00

11  1  8 75       5.0   85.5   18.19     0.00

12  1  8 75       7.1   11.1   19.34     0.00

13  1  8 75       5.8   78.8   20.62     0.00

14  1  8 75      13.1  276.1   21.44     0.00

15  1  8 75       9.7  286.9   21.83     0.00

16  1  8 75       8.9  288.3   21.95     0.00

17  1  8 75       9.7  298.7   21.61     0.00

18  1  8 75       8.5  301.7   21.32     0.00

19  1  8 75       4.2  292.7   20.79     0.00

20  1  8 75       8.2  279.6   12.61     0.00

21  1  8 75       9.0  289.2   10.78     0.00

22  1  8 75       9.0  283.9    9.89     0.00

23  1  8 75       4.8  266.0    9.27     0.00
```

```
RIO BLANCO OIL SHALE PROJECT  SITE THREE

             METEOROLOGICAL DATA
HR DY MO YR     WS10  WDR10    AT10     PREC
++ ++ ++ ++    +--------------------------------+

 0  2  8 75      8.4  293.5    8.29     0.00

 1  2  8 75      8.5  280.2    8.19     0.00

 2  2  8 75      2.5  264.6    5.16     0.00

 3  2  8 75      6.6  287.2    5.42     0.00

 4  2  8 75      7.6  291.4    5.77     0.00

 5  2  8 75      8.4  294.1    5.96     0.00

 6  2  8 75      5.6  289.8    6.33     0.00

 7  2  8 75      4.1   80.1    9.41     0.00

 8  2  8 75      4.6   83.7   13.30     0.00

 9  2  8 75      3.9   93.0   17.06     0.00

10  2  8 75      4.7  106.8   18.55     0.00

11  2  8 75      6.6   67.8   20.24     0.00

12  2  8 75      7.0  263.4   21.67     0.00

13  2  8 75      9.3  253.3   22.51     0.00

14  2  8 75     11.0  288.7   22.78     0.00

15  2  8 75     13.0  281.4   23.26     0.00

16  2  8 75     11.6  284.7   23.40     0.00

17  2  8 75     11.5  279.4   23.34     0.00

18  2  8 75     10.6  285.9   23.05     0.00

19  2  8 75      6.2  276.3   19.61     0.00

20  2  8 75      7.0  296.7   13.72     0.00

21  2  8 75      6.4  288.6   13.41     0.00

22  2  8 75      2.0  245.4   10.52     0.00

23  2  8 75      7.7  272.6    9.36     0.00
```

```
RIO BLANCO OIL SHALE PROJECT  SITE THREE

               METEOROLOGICAL  DATA
HR DY MO YR      WS10  WDR10    AT10      PREC
++ ++ ++ ++     +--------------------------------+

 0  3  8 75      8.1  277.4     8.58      0.00

 1  3  8 75      8.0  284.1     9.48      0.00

 2  3  8 75      8.0  287.5     8.67      0.00

 3  3  8 75      4.4  269.2     6.23      0.00

 4  3  8 75      6.0  273.7     5.21      0.00

 5  3  8 75      5.9  289.3     5.40      0.00

 6  3  8 75      6.2  281.0     6.59      0.00

 7  3  8 75      2.0  277.0    12.14      0.00

 8  3  8 75      4.5   85.6    14.98      0.00

 9  3  8 75      5.2   68.3    18.91      0.00

10  3  8 75      4.3   65.0    21.05      0.00

11  3  8 75      7.1  157.5    22.32      0.00

12  3  8 75      8.2  318.0    23.00      0.00

13  3  8 75      8.0  329.2    23.59      0.00

14  3  8 75      8.9  245.0    23.94      0.00

15  3  8 75      8.6  282.3    24.28      0.00

16  3  8 75      7.1  337.1    25.05      0.00

17  3  8 75      8.4  261.6    24.82      0.00

18  3  8 75      4.9  268.4    24.51      0.00

19  3  8 75      4.8  279.5    21.40      0.00

20  3  8 75      9.6  286.7    14.66      0.00

21  3  8 75      8.9  289.2    12.74      0.00

22  3  8 75      9.3  292.8    11.82      0.00

23  3  8 75      7.4  283.5    10.77      0.00
```

```
RIO BLANCO OIL SHALE PROJECT  SITE THREE

               METEOROLOGICAL  DATA
HR DY MO YR      WS10  WDR10    AT10     PREC
++ ++ ++ ++     +-------------------------------+

 0  4  8 75      9.4  289.9     9.79     0.00

 1  4  8 75      8.5  288.0     9.74     0.00

 2  4  8 75      5.9  280.5     8.76     0.00

 3  4  8 75      3.7  270.5     5.55     0.00

 4  4  8 75      4.8  272.3     3.47     0.00

 5  4  8 75      8.4  277.1     5.20     0.00

 6  4  8 75      4.9  270.7     7.14     0.00

 7  4  8 75      1.8  276.0    12.59     0.00

 8  4  8 75      5.5   87.4    14.87     0.00

 9  4  8 75      5.8   89.1    18.67     0.00

10  4  8 75      6.4   84.9    22.27     0.00

11  4  8 75      6.1  296.5    25.27     0.00

12  4  8 75      6.5  292.7    26.05     0.00

13  4  8 75      9.7  285.8    26.30     0.00

14  4  8 75      9.4  276.1    26.85     0.00

15  4  8 75      8.7  304.5    27.41     0.00

16  4  8 75      9.2  313.1    27.66     0.00

17  4  8 75      4.2  263.0    27.65     0.00

18  4  8 75      4.5  275.0    27.34     0.00

19  4  8 75      4.5  279.8    22.93     0.00

20  4  8 75      7.7  281.5    16.18     0.00

21  4  8 75      8.6  286.4    14.97     0.00

22  4  8 75      9.1  280.7    14.43     0.00

23  4  8 75      8.2  284.9    13.31     0.00
```

```
RIO BLANCO OIL SHALE PROJECT  SITE THREE

                METEOROLOGICAL DATA
HR DY MO YR      WS10  WDR10   AT10     PREC
++ ++ ++ ++    +--------------------------------+

 0  5  8 75      7.1  288.6   12.53     0.00

 1  5  8 75      4.5  279.0   10.12     0.00

 2  5  8 75      4.8  262.7    7.71     0.00

 3  5  8 75      5.6  274.7    7.07     0.00

 4  5  8 75      6.5  271.8    7.05     0.00

 5  5  8 75      7.0  272.0    7.29     0.00

 6  5  8 75      6.2  266.9    8.74     0.00

 7  5  8 75      1.0  207.4   14.21     0.00

 8  5  8 75      5.1   83.7   18.57     0.00

 9  5  8 75      3.8   70.7   22.99     0.00

10  5  8 75      5.1   31.3   26.58     0.00

11  5  8 75      8.4  269.4   27.75     0.00

12  5  8 75      9.2  275.1   28.23     0.00

13  5  8 75      7.1  253.2   27.51     0.00

14  5  8 75     10.0  253.4   28.76     0.00

15  5  8 75     10.9  256.7   28.67     0.00

16  5  8 75      6.0  249.6   27.31     0.00

17  5  8 75      8.1  220.3   28.25     0.00

18  5  8 75      9.5  257.2   27.23     0.00

19  5  8 75      7.1  256.2   24.37     0.00

20  5  8 75      8.6  286.1   17.55     0.00

21  5  8 75      7.7  274.6   16.61     0.00

22  5  8 75      6.6  283.8   16.16     0.00

23  5  8 75      6.3  274.9   15.50     0.00
```

```
RIO BLANCO OIL SHALE PROJECT  SITE THREE

                 METEOROLOGICAL DATA
HR DY MO YR      WS10  WDR10   AT10     PREC
++ ++ ++ ++     +--------------------------------+

 0  5  8 75       7.1  288.6   12.53     0.00

 1  5  8 75       4.5  279.0   10.12     0.00

 2  5  8 75       4.8  262.7    7.71     0.00

 3  5  8 75       5.6  274.7    7.07     0.00

 4  5  8 75       6.5  271.8    7.05     0.00

 5  5  8 75       7.0  272.0    7.29     0.00

 6  5  8 75       6.2  266.9    8.74     0.00

 7  5  8 75       1.0  207.4   14.21     0.00

 8  5  8 75       5.1   83.7   18.57     0.00

 9  5  8 75       3.8   70.7   22.99     0.00

10  5  8 75       5.1   31.3   26.58     0.00

11  5  8 75       8.4  269.4   27.75     0.00

12  5  8 75       9.2  275.1   28.23     0.00

13  5  8 75       7.1  253.2   27.51     0.00

14  5  8 75      10.0  253.4   28.76     0.00

15  5  8 75      10.9  256.7   28.67     0.00

16  5  8 75       6.0  249.6   27.31     0.00

17  5  8 75       8.1  220.3   28.25     0.00

18  5  8 75       9.5  257.2   27.23     0.00

19  5  8 75       7.1  256.2   24.37     0.00

20  5  8 75       8.6  286.1   17.55     0.00

21  5  8 75       7.7  274.6   16.61     0.00

22  5  8 75       6.6  283.8   16.16     0.00

23  5  8 75       6.3  274.9   15.50     0.00
```

```
 RIO BLANCO OIL SHALE PROJECT  SITE THREE

              METEOROLOGICAL DATA
HR DY MO YR     WS10  WDR10   AT10     PREC
++ ++ ++ ++    +------------------------------+

 0  6  8 75      7.9  273.2   15.41    0.00

 1  6  8 75      9.0  282.7   14.68    0.00

 2  6  8 75      4.1  262.2   12.80    0.00

 3  6  8 75      6.4  283.8   10.56    0.00

 4  6  8 75      2.9  312.0    8.84    0.00

 5  6  8 75      2.0  297.2    9.09    0.00

 6  6  8 75      4.1  280.1   10.00    0.00

 7  6  8 75      1.3   94.2   15.99    0.00

 8  6  8 75      7.6   84.9   19.66    0.00

 9  6  8 75      8.0   76.2   23.32    0.00

10  6  8 75      8.7  245.8   27.01    0.00

11  6  8 75      8.0  267.0   26.56    0.00

12  6  8 75      7.9  259.2   26.32    0.00

13  6  8 75     15.0  260.5   23.69    0.00

14  6  8 75      9.9  257.6   25.64    0.00

15  6  8 75     10.6  241.0   27.58    0.00

16  6  8 75      8.6  231.4   27.09    0.00

17  6  8 75     10.5  246.5   28.20    0.00

18  6  8 75      6.8  267.4   27.29    0.00

19  6  8 75      9.5  251.6   25.57    0.00

20  6  8 75      7.5  265.8   20.84    0.00

21  6  8 75      6.5  274.8   18.22    0.00

22  6  8 75      7.4  279.3   16.26    0.00

23  6  8 75      6.9  277.6   15.53    0.00
```

```
RIO BLANCO OIL SHALE PROJECT  SITE THREE

              METEOROLOG.CAL DATA
HR DY MO YR      WS10  WDR10    AT10     PREC
++ ++ ++ ++     +-------------------------------+

 0  7  8 75      6.0  275.3    15.74     0.00

 1  7  8 75      2.6  262.0    13.83     0.00

 2  7  8 75      2.4  224.9    13.20     0.00

 3  7  8 75      4.5  270.8    11.42     0.00

 4  7  8 75      1.8  275.6    10.35     0.00

 5  7  8 75      1.8   92.1    13.39     0.00

 6  7  8 75      8.5  253.8    17.95     0.00

 7  7  8 75      6.8  251.1    21.73     0.00

 8  7  8 75     11.9  232.0    23.81     0.00

 9  7  8 75     14.3  236.3    25.36     0.00

10  7  8 75     13.5  228.0    25.72     0.00

11  7  8 75     12.9  249.7    26.32     0.00

12  7  8 75     15.3  243.2    27.08     0.00

13  7  8 75      9.2  230.1    27.34     0.00

14  7  8 75      6.9  253.0    26.53     0.00

15  7  8 75     12.5  230.0    28.25     0.00

16  7  8 75     11.4  240.9    28.49     0.00

17  7  8 75     16.1  298.6    26.69     0.00

18  7  8 75      7.2  189.7    25.24     0.00

19  7  8 75      6.9  228.1    23.85     0.00

20  7  8 75      4.7  256.1    20.59     0.00

21  7  8 75     10.3  256.0    21.41     0.00

22  7  8 75      6.3   75.8    18.80     0.00

23  7  8 75      7.3  272.2    13.68     0.00
```

```
 RIO BLANCO OIL SHALE PROJECT  SITE  THREE

                METEOROLOGICAL  DATA
HR  DY  MO  YR      WS10   WDR10    AT10      PREC
++  ++  ++  ++     +---------------------------------+

 0   8   8  75       8.1   290.6    11.84     0.00

 1   8   8  75       7.9   293.8    10.71     0.00

 2   8   8  75       7.9   287.1     9.90     0.00

 3   8   8  75       8.4   288.7     9.59     0.00

 4   8   8  75       8.7   290.1     8.73     0.00

 5   8   8  75       7.5   286.7     6.90     0.00

 6   8   8  75       7.4   287.3     7.77     0.00

 7   8   8  75       3.8   297.6    12.81     0.00

 8   8   8  75       5.3    80.9    16.13     0.00

 9   8   8  75       4.7    93.3    19.03     0.00

10   8   8  75       4.4    80.4    21.85     0.00

11   8   8  75       4.9    43.5    24.86     0.00

12   8   8  75      10.0   272.0    26.19     0.00

13   8   8  75      11.7   251.6    26.29     0.00

14   8   8  75      10.1   300.0    26.82     0.00

15   8   8  75       7.2   290.5    27.19     0.00

16   8   8  75      12.0   287.5    27.21     0.00

17   8   8  75      10.7   296.3    27.16     0.00

18   8   8  75       9.5   301.9    27.08     0.00

19   8   8  75       6.1   299.8    25.02     0.00

20   8   8  75       5.4   282.0    18.38     0.00

21   8   8  75       2.9   306.6    14.21     0.00

22   8   8  75       9.2   278.2    12.76     0.00

23   8   8  75       9.4   286.2    13.63     0.00
```

```
RIO BLANCO OIL SHALE PROJECT  SITE THREE

              METEOROLOGICAL DATA
HR DY MO YR       WS10  WDR10    AT10     PREC
++ ++ ++ ++     +------------------------------+

 0  9  8 75       9.2  285.2    12.96     0.00

 1  9  8 75       9.1  289.5    12.10     0.00

 2  9  8 75       6.8  284.0    12.73     0.00

 3  9  8 75       7.2  287.3    11.52     0.00

 4  9  8 75       5.5  283.4    10.39     0.00

 5  9  8 75       6.7  277.9     7.79     0.00

 6  9  8 75       4.6  280.3     8.33     0.00

 7  9  8 75       4.3  290.4    13.70     0.00

 8  9  8 75       3.7   90.6    17.95     0.00

 9  9  8 75       6.2   85.7    20.53     0.00

10  9  8 75       4.7  103.3    22.63     0.00

11  9  8 75       3.9  110.7    24.62     0.00

12  9  8 75       4.6  276.3    26.43     0.00

13  9  8 75       7.6    0.7    27.22     0.00

14  9  8 75       9.7  235.6    27.86     0.00

15  9  8 75       8.5  267.2    28.20     0.00

16  9  8 75       9.6  294.3    28.02     0.00

17  9  8 75       7.7  295.2    27.89     0.00

18  9  8 75       5.6  343.6    27.47     0.00

19  9  8 75       4.8  276.3    22.63     0.00

20  9  8 75       7.4  277.6    18.38     0.00

21  9  8 75       8.1  288.1    16.70     0.00

22  9  8 75       8.4  290.5    16.12     0.00

23  9  8 75       6.1  279.3    15.56     0.00
```

```
RIO BLANCO OIL SHALE PROJECT  SITE THREE

               METEOROLOGICAL DATA
HR DY MO YR      WS10  WDR10    AT10     PREC
++ ++ ++ ++    +---------------------------------+

 0 10  8 75      9.0  290.0    14.59     0.00

 1 10  8 75      8.5  285.4    13.73     0.00

 2 10  8 75      3.2  266.1    12.39     0.00

 3 10  8 75      5.2  260.2     9.72     0.00

 4 10  8 75      8.2  273.9     9.68     0.00

 5 10  8 75      6.6  270.1     7.86     0.00

 6 10  8 75      6.7  272.4    10.12     0.00

 7 10  8 75      2.0  151.9    13.85     0.00

 8 10  8 75      2.5  104.9    19.52     0.00

 9 10  8 75      3.9   81.6    23.42     0.00

10 10  8 75      8.4  255.7    25.92     0.00

11 10  8 75      7.0  247.4    26.86     0.00

12 10  8 75      8.7  268.2    27.21     0.00

13 10  8 75      7.5  242.6    26.73     0.00

14 10  8 75     17.2  212.3    24.04   999.00

15 10  8 75      5.9  224.7    23.04     0.00

16 10  8 75      9.0  125.4    23.19     0.00

17 10  8 75      6.3  120.6    22.98     0.00

18 10  8 75      2.3  350.7    21.81     0.00

19 10  8 75      7.1  248.8    19.80     0.00

20 10  8 75      5.6  258.1    18.47     0.00

21 10  8 75      2.8  273.3    16.55     0.00

22 10  8 75      4.4  265.6    16.64     0.00

23 10  8 75      2.6  311.9    16.66     0.00
```

```
RIO BLANCO OIL SHALE PROJECT  SITE THREE

               METEOROLOGICAL  DATA
HR DY MO YR       WS10  WDR10    AT10     PREC
++ ++ ++ ++     +--------------------------------+

 0 11  8 75       4.9   85.7    15.36     0.00

 1 11  8 75       3.4   59.2    16.84     0.00

 2 11  8 75       3.3  143.3    17.30     0.00

 3 11  8 75       4.6   83.3    15.92     0.00

 4 11  8 75       2.1   34.2    14.74     0.00

 5 11  8 75       5.6  277.7    15.80     0.00

 6 11  8 75       9.9  236.5    19.20     0.00

 7 11  8 75       5.9  248.0    19.74     0.00

 8 11  8 75       5.3  262.7    21.09     0.00

 9 11  8 75      11.2  254.5    21.16     0.00

10 11  8 75       8.9  286.8    21.76     0.00

11 11  8 75       9.6  283.4    21.82     0.00

12 11  8 75       7.2  294.8    22.17     0.00

13 11  8 75       7.7  246.9    21.77     0.00

14 11  8 75      10.2  166.6    20.95     0.00

15 11  8 75       8.5  162.5    21.69     0.00

16 11  8 75       9.9  116.7    21.79     0.00

17 11  8 75       8.1  134.0    21.28     0.00

18 11  8 75       2.2  144.6    20.86     0.00

19 11  8 75       1.9   41.5    18.78     0.00

20 11  8 75      23.5  283.3    13.82     0.03

21 11  8 75       3.2  141.2    13.14     0.00

22 11  8 75       3.8   91.1    12.43     0.00

23 11  8 75       4.4  240.1    11.58     0.00
```

```
RIO BLANCO OIL SHALE PROJECT  SITE THREE

              METEOROLOGICAL DATA
HR DY MO YR      WS10  WDR10    AT10     PREC
++ ++ ++ ++    +------------------------------+

 0 12  8 75       5.2  282.0    9.28     0.00

 1 12  8 75       7.8  280.3    8.73     0.00

 2 12  8 75       7.9  281.7    8.72     0.00

 3 12  8 75       4.7  270.7    7.94     0.00

 4 12  8 75       3.7  276.0    6.22     0.00

 5 12  8 75       5.7  281.0    5.00     0.00

 6 12  8 75       6.2  275.8    6.17     0.00

 7 12  8 75       1.5   97.7   10.67     0.00

 8 12  8 75       3.3   83.5   14.01     0.00

 9 12  8 75       4.4   95.1   16.77     0.00

10 12  8 75       3.5   94.3   19.91     0.00

11 12  8 75       4.8  184.5   21.89     0.00

12 12  8 75       6.3   82.8   22.73     0.00

13 12  8 75       5.0  256.2   23.43     0.01

14 12  8 75       5.4  313.9   22.94     0.00

15 12  8 75       8.0  214.1   22.50     0.00

16 12  8 75       8.1  217.5   21.38     0.00

17 12  8 75      14.7  309.9   19.66     0.00

18 12  8 75       4.6  345.2   17.98     0.00

19 12  8 75       5.4   77.3   16.48     0.00

20 12  8 75       2.6  292.4   15.46     0.00

21 12  8 75       5.7  261.2   14.54     0.00

22 12  8 75     999.0  999.0  999.00   999.00

23 12  8 75       5.6  284.6   11.97     0.00
```

```
RIO BLANCO OIL SHALE PROJECT  SITE THREE

             METEOROLOGICAL  DATA
HR DY MO YR     WS10  WDR10   AT10    PREC
++ ++ ++ ++   +--------------------------------+

 0 13  8 75      6.2  280.3  11.37    0.00

 1 13  8 75      5.3  269.3  10.29    0.00

 2 13  8 75      4.5  276.9   9.33    0.00

 3 13  8 75      5.1  270.8   7.92    0.00

 4 13  8 75      5.4  276.8   6.66    0.00

 5 13  8 75      5.7  269.3   5.96    0.00

 6 13  8 75      2.7  256.3   7.21    0.00

 7 13  8 75      2.2  257.3   8.89    0.00

 8 13  8 75      2.9   91.2  12.91    0.00

 9 13  8 75      4.9   81.5  15.01    0.00

10 13  8 75      3.7   82.4  19.46    0.00

11 13  8 75     10.4  274.0  20.49    0.00

12 13  8 75     11.9  286.5  19.65    0.00

13 13  8 75      3.3  258.8  19.35    0.00

14 13  8 75      8.4  279.3  20.45    0.00

15 13  8 75     10.2  282.6  21.40    0.00

16 13  8 75      8.3  329.3  20.11    0.00

17 13  8 75     21.2  259.2  15.54    0.00

18 13  8 75     14.4  253.0  11.64    0.00

19 13  8 75      6.4  267.7  12.84    0.00

20 13  8 75      3.2  225.8  11.06    0.00

21 13  8 75      5.4  286.8   9.56    0.00

22 13  8 75      4.9  259.7   8.97    0.00

23 13  8 75      7.4  288.6   7.37    0.00
```

```
 RIO BLANCO OIL SHALE PROJECT  SITE THREE

            METEOROLOGICAL DATA
HR DY MO YR     WS10  WDR10   AT10     PREC
++ ++ ++ ++   +-------------------------------+

 0 14  8 75      5.1  279.9    6.35    0.00

 1 14  8 75      5.2  231.3    7.13    0.00

 2 14  8 75      2.4  281.3    5.40    0.00

 3 14  8 75      4.9  273.5    5.30    0.00

 4 14  8 75      2.7  250.6    5.26    0.00

 5 14  8 75      5.2  270.9    6.80    0.00

 6 14  8 75      3.6  271.8    8.19    0.00

 7 14  8 75      2.8   93.4   11.43    0.00

 8 14  8 75      2.0   48.7   14.98    0.00

 9 14  8 75      4.2   75.2   18.41    0.00

10 14  8 75      5.6  209.2   19.81    0.00

11 14  8 75      5.5  246.3   20.96    0.00

12 14  8 75     13.0  277.2   20.53    0.00

13 14  8 75      9.9  249.2   17.26    0.00

14 14  8 75      9.9  249.2   17.26    0.00

15 14  8 75      9.9  249.2   17.26    0.00

16 14  8 75      9.9  249.2   17.26    0.00

17 14  8 75      9.9  249.2   17.26    0.00

18 14  8 75      9.9  249.2   17.26    0.00

19 14  8 75      9.9  249.2   17.26    0.00

20 14  8 75      9.9  249.2   17.26    0.00

21 14  8 75      9.9  249.2   17.26    0.00

22 14  8 75      6.8  254.1   13.76    0.07

23 14  8 75      6.8  254.1   13.76    0.00
```

RIO BLANCO OIL SHALE PROJECT SITE THREE

METEOROLOGICAL DATA

HR	DY	MO	YR	WS10	WDR10	AT10	PREC
0	15	8	75	6.8	254.1	13.76	0.00
1	15	8	75	6.8	254.1	13.76	0.00
2	15	8	75	6.8	254.1	13.76	0.00
3	15	8	75	6.8	254.1	13.76	0.00
4	15	8	75	6.8	254.1	13.76	0.00
5	15	8	75	6.8	254.1	13.76	0.00
6	15	8	75	6.8	254.1	13.76	0.00
7	15	8	75	6.8	254.1	13.76	0.00
8	15	8	75	6.8	254.1	13.76	0.00
9	15	8	75	3.0	99.3	14.66	0.00
10	15	8	75	4.3	91.4	17.82	0.00
11	15	8	75	6.8	254.1	13.76	0.00
12	15	8	75	6.8	254.1	13.76	0.00
13	15	8	75	6.8	254.1	13.76	0.00
14	15	8	75	8.7	245.3	20.01	0.00
15	15	8	75	12.8	259.2	21.38	0.00
16	15	8	75	9.1	182.7	21.63	0.00
17	15	8	75	6.2	242.3	22.57	0.00
18	15	8	75	4.1	248.3	21.53	0.00
19	15	8	75	5.8	286.1	17.34	0.00
20	15	8	75	9.2	278.2	13.97	0.00
21	15	8	75	7.8	276.9	11.91	0.00
22	15	8	75	6.1	284.6	11.86	0.00
23	15	8	75	6.9	272.9	10.53	0.00

```
RIO BLANCO OIL SHALE PROJECT  SITE THREE

               METEOROLOGICAL DATA
HR DY MO YR      WS10  WDR10   AT10     PREC
++ ++ ++ ++    +-------------------------------+

 0 16  8 75      6.7  277.8    9.63     0.00

 1 16  8 75      7.0  287.3    9.37     0.00

 2 16  8 75      7.3  281.4    8.59     0.00

 3 16  8 75      7.1  274.8    7.29     0.00

 4 16  8 75      6.6  281.7    6.96     0.00

 5 16  8 75      3.6  269.8    7.40     0.00

 6 16  8 75      3.2  253.3    8.43     0.00

 7 16  8 75      4.7   47.7   10.43     0.00

 8 16  8 75      1.9  133.0   12.38     0.00

 9 16  8 75      5.8   83.2   17.61     0.00

10 16  8 75      5.6   61.0   19.96     0.00

11 16  8 75      6.3   62.3   22.53     0.00

12 16  8 75      8.1  275.7   22.71     0.00

13 16  8 75     10.2  276.5   22.38     0.00

14 16  8 75      9.0  308.8   21.21     0.00

15 16  8 75     11.0  277.2   20.46     0.00

16 16  8 75      4.6  274.8   21.58     0.00

17 16  8 75      7.2  231.2   23.04     0.00

18 16  8 75      6.6  222.8   20.64     0.00

19 16  8 75      6.7  241.1   16.97     0.02

20 16  8 75      8.9  266.4   11.53     0.00

21 16  8 75      7.4  274.8   11.29     0.00

22 16  8 75      7.7  278.3   10.69     0.00

23 16  8 75      5.0  270.6   10.13     0.00
```

```
RIO BLANCO OIL SHALE PROJECT  SITE THREE

            METEOROLOGICAL DATA
HR DY MO YR     WS10  WDR10   AT10     PREC
++ ++ ++ ++    +-------------------------------+

 0 17  8 75    999.0  999.0  999.00  999.00

 1 17  8 75      6.9  281.4    7.35    0.00

 2 17  8 75      5.9  270.5    7.27    0.00

 3 17  8 75      7.5  271.3    5.91    0.00

 4 17  8 75      5.3  270.0    5.97    0.00

 5 17  8 75      7.3  280.6    5.72    0.00

 6 17  8 75      5.8  274.0    5.75    0.00

 7 17  8 75      1.4  270.8   10.59    0.00

 8 17  8 75      3.8   88.6   16.13    0.00

 9 17  8 75      9.5  247.4   20.41    0.00

10 17  8 75      8.2  228.2   21.77    0.00

11 17  8 75      8.5  268.7   22.89    0.00

12 17  8 75     11.3  256.0   23.32    0.00

13 17  8 75     11.0  224.5   23.90    0.00

14 17  8 75     10.7  246.3   24.22    0.00

15 17  8 75     12.0  217.4   24.38    0.00

16 17  8 75     10.2  223.3   24.92    0.00

17 17  8 75      9.5  232.7   24.72    0.00

18 17  8 75     11.1  238.4   24.20    0.00

19 17  8 75      5.4  255.4   21.28    0.00

20 17  8 75      6.9  276.1   15.27    0.00

21 17  8 75      7.3  281.3   13.93    0.00

22 17  8 75      7.1  280.4   13.72    0.00

23 17  8 75      4.6  268.1   12.74    0.00
```

```
RIO BLANCO OIL SHALE PROJECT  SITE THREE

              METEOROLOGICAL DATA
HR DY MO YR     WS10  WDR10   AT10     PREC
++ ++ ++ ++    +-------------------------------+

 0 18  8 75      5.5  268.5   10.16     0.00

 1 18  8 75      2.1  252.9    9.22     0.00

 2 18  8 75      3.4  264.4    7.93     0.00

 3 18  8 75      5.6  271.8    6.67     0.00

 4 18  8 75      3.4  252.9    6.49     0.00

 5 18  8 75      2.3  218.8    4.98     0.00

 6 18  8 75      1.7  265.8    6.32     0.00

 7 18  8 75      3.7   77.7   12.63     0.00

 8 18  8 75      8.2  220.1   20.89     0.00

 9 18  8 75     10.4  198.7   22.04     0.00

10 18  8 75     10.8  205.8   23.45     0.00

11 18  8 75     13.6  228.4   23.73     0.00

12 18  8 75     12.4  231.2   23.86     0.00

13 18  8 75     11.9  218.2   24.44     0.00

14 18  8 75     14.7  243.7   25.06     0.00

15 18  8 75     15.8  238.5   25.40     0.00

16 18  8 75     11.4  215.6   25.39     0.00

17 18  8 75     12.9  234.5   25.37     0.00

18 18  8 75      8.9  215.4   24.96     0.00

19 18  8 75      7.7  255.5   21.40     0.00

20 18  8 75      7.7  283.7   14.80     0.00

21 18  8 75    999.0  999.0  999.00   999.00

22 18  8 75      8.7  271.6   11.26     0.00

23 18  8 75      7.4  285.6   10.64     0.00
```

```
RIO BLANCO OIL SHALE PROJECT  SITE THREE

                METEOROLOGICAL DATA
HR DY MO YR     WS10  WDR10   AT10     PREC
++ ++ ++ ++    +------------------------------+

 0 19  8 75      7.3  266.6  10.11     0.00

 1 19  8 75      9.3  278.3   9.80     0.00

 2 19  8 75      7.6  271.9   9.10     0.00

 3 19  8 75      5.6  284.1   7.70     0.00

 4 19  8 75      6.3  277.4   8.45     0.00

 5 19  8 75      6.4  271.0   5.42     0.00

 6 19  8 75      7.5  282.4   5.96     0.00

 7 19  8 75      3.8  265.5  11.94     0.00

 8 19  8 75      6.6  171.3  19.18     0.00

 9 19  8 75     11.7  238.2  20.21     0.00

10 19  8 75     14.2  228.2  21.15     0.00

11 19  8 75     14.5  261.2  21.77     0.00

12 19  8 75      9.8  254.7  21.99     0.00

13 19  8 75     16.8  232.5  23.09     0.00

14 19  8 75     12.9  215.6  23.80     0.00

15 19  8 75     15.6  249.5  23.62     0.00

16 19  8 75     15.0  245.4  23.27     0.00

17 19  8 75      8.3  227.8  22.43     0.00

18 19  8 75      6.7  198.7  21.79     0.00

19 19  8 75      3.3  209.8  20.65     0.00

20 19  8 75      5.6  270.2  16.26     0.00

21 19  8 75      5.0  275.0  14.41     0.00

22 19  8 75      6.5  280.6  13.57     0.00

23 19  8 75      7.6  258.2  14.71     0.00
```

```
RIO BLANCO OIL SHALE PROJECT  SITE THREE

                 METEOROLOGICAL  DATA
HR DY MO YR       WS10  WDR10    AT10     PREC
++ ++ ++ ++     +--------------------------------+

 0 20  8 75       5.5  286.1    13.86     0.00

 1 20  8 75       1.7  204.1    12.32     0.00

 2 20  8 75       5.2  267.2    11.54     0.00

 3 20  8 75       5.2  275.6    11.75     0.00

 4 20  8 75       5.7  283.7    11.07     0.00

 5 20  8 75       6.2  284.3    10.80     0.00

 6 20  8 75       5.8  275.2    10.92     0.00

 7 20  8 75       6.1  280.7    12.98     0.00

 8 20  8 75       1.4  150.9    15.49     0.00

 9 20  8 75       4.7   80.3    16.66     0.00

10 20  8 75       7.7   66.6    18.10     0.00

11 20  8 75       4.7  116.7    20.48     0.00

12 20  8 75       5.0  252.6    21.85     0.00

13 20  8 75      13.0  267.7    20.40     0.00

14 20  8 75      11.4  268.4    20.80     0.00

15 20  8 75       6.2   84.5    20.12     0.00

16 20  8 75       4.0   48.7    20.55     0.00

17 20  8 75       2.4  305.2    20.89     0.00

18 20  8 75       4.6  221.8    19.80     0.00

19 20  8 75       7.2  250.4    18.58     0.00

20 20  8 75       9.5  266.1    17.20     0.00

21 20  8 75      11.2  254.0    15.68     0.00

22 20  8 75       9.6  246.8    14.41     0.00

23 20  8 75       6.3  250.4    13.91     0.00
```

```
      RIO BLANCO OIL SHALE PROJECT  SITE THREE

                 METEOROLOGICAL  DATA
     HR DY MO YR      WS10  WDR10   AT10     PREC
     ++ ++ ++ ++     +--------------------------------+

      0 21  8 75       3.6  264.5   11.47      0.00

      1 21  8 75       4.6  269.1   11.28      0.00

      2 21  8 75       3.7  253.2   10.78      0.00

      3 21  8 75       2.2  235.4   10.41      0.00

      4 21  8 75       4.4  287.2   10.12      0.00

      5 21  8 75       3.8  280.2   10.47      0.00

      6 21  8 75       3.1  274.6   10.47      0.00

      7 21  8 75       2.7  272.1   11.25      0.00

      8 21  8 75       1.4  306.7   14.29      0.00

      9 21  8 75       5.4  218.6   17.19      0.00

     10 21  8 75       7.8  214.5   18.89      0.00

     11 21  8 75      10.2  218.5   19.98      0.00

     12 21  8 75      10.7  231.6   20.55      0.00

     13 21  8 75      11.4  240.7   20.03      0.00

     14 21  8 75      13.7  236.7   18.58    999.00

     15 21  8 75       6.3  209.2   17.61      0.00

     16 21  8 75       6.2  214.3   19.04      0.00

     17 21  8 75       5.6  237.3   19.09      0.00

     18 21  8 75       8.2  243.1   19.23      0.00

     19 21  8 75       3.7  210.4   17.38      0.00

     20 21  8 75       6.3  264.9   12.74      0.00

     21 21  8 75       5.3  288.1   10.12      0.00

     22 21  8 75       4.3  278.8    8.79      0.00

     23 21  8 75       2.5   68.3    8.30      0.00
```

```
RIO BLANCO OIL SHALE PROJECT  SITE THREE

                METEOROLOGICAL DATA
HR DY MO YR      WS10  WDR10    AT10     PREC
++ ++ ++ ++    +---------------------------------+

 0 22  8 75       6.8  286.4    7.41     0.00

 1 22  8 75       6.8  280.5    7.49     0.00

 2 22  8 75       5.6  273.0    7.14     0.00

 3 22  8 75       6.0  285.3    8.05     0.00

 4 22  8 75       2.4  245.3    6.93     0.00

 5 22  8 75       3.9  259.7    5.35     0.00

 6 22  8 75       2.9  245.9    7.20     0.00

 7 22  8 75       2.5   75.5    3.83     0.00

 8 22  8 75       3.7   77.2   15.57     0.00

 9 22  8 75       8.3  229.0   18.63     0.00

10 22  8 75      14.1  230.7   19.64     0.00

11 22  8 75      15.6  224.2   20.37     0.00

12 22  8 75      15.9  296.6   17.93     0.00

13 22  8 75      12.5  266.3   18.92     0.00

14 22  8 75      16.9  263.5   18.27     0.00

15 22  8 75      15.7  239.9   18.98     0.00

16 22  8 75       9.3  217.7   20.96     0.00

17 22  8 75      11.3  247.5   21.19     0.00

18 22  8 75       8.4  255.5   20.19     0.01

19 22  8 75       5.2  259.4   17.92     0.00

20 22  8 75       7.4  267.8   13.09     0.00

21 22  8 75       7.1  285.3   11.50     0.00

22 22  8 75       7.0  282.9   11.01     0.00

23 22  8 75       5.1  288.8   10.78     0.00
```

```
          RIO BLANCO OIL SHALE PROJECT  SITE THREE

                   METEOROLOGICAL DATA
        HR DY MO YR     WS10  WDR10    AT10     PREC
        ++ ++ ++ ++    +-------------------------------+

         0 23  8 75      7.5  266.2   11.03     0.00

         1 23  8 75      2.0  262.4   10.20     0.00

         2 23  8 75      6.0  282.1    9.67     0.00

         3 23  8 75      6.9  277.9    9.34     0.00

         4 23  8 75      7.1  282.8    8.03     0.00

         5 23  8 75      8.0  273.8    7.31     0.00

         6 23  8 75      7.8  281.4    6.55     0.00

         7 23  8 75      5.0  282.9   11.67     0.00

         8 23  8 75      6.1  240.8   19.37     0.00

         9 23  8 75      9.2  223.2   20.47     0.00

        10 23  8 75     14.3  231.8   21.40     0.00

        11 23  8 75     16.4  240.5   22.35     0.00

        12 23  8 75     15.1  281.2   19.99     0.00

        13 23  8 75     15.4  276.2   19.85     0.00

        14 23  8 75     12.1  230.1   22.73     0.00

        15 23  8 75     13.3  218.7   24.20     0.00

        16 23  8 75     14.9  237.6   24.42     0.00

        17 23  8 75     12.1  224.1   23.47     0.00

        18 23  8 75     10.9  237.5   23.37     0.00

        19 23  8 75      6.9  233.8   21.32     0.00

        20 23  8 75      7.2  284.2   15.27     0.00

        21 23  8 75      7.3  282.3   13.21     0.00

        22 23  8 75      6.0  270.3   15.49     0.00

        23 23  8 75      5.9  278.0   14.21     0.00
```

RIO BLANCO OIL SHALE PROJECT SITE THREE

METEOROLOGICAL DATA

HR	DY	MO	YR	WS10	WDR10	AT10	PREC
0	24	8	75	6.3	276.6	11.75	0.00
1	24	8	75	8.4	291.2	10.24	0.00
2	24	8	75	6.7	286.2	9.48	0.00
3	24	8	75	6.8	282.3	8.37	0.00
4	24	8	75	6.1	287.1	9.05	0.00
5	24	8	75	7.1	300.4	8.10	0.00
6	24	8	75	6.4	284.8	6.34	0.00
7	24	8	75	4.4	232.6	10.63	0.00
8	24	8	75	7.7	254.7	18.61	0.00
9	24	8	75	15.7	264.5	19.66	0.00
10	24	8	75	12.0	232.9	19.84	0.00
11	24	8	75	11.3	290.0	20.32	0.00
12	24	8	75	14.1	262.8	21.14	0.00
13	24	8	75	19.0	280.9	21.19	0.00
14	24	8	75	19.0	282.7	21.68	0.00
15	24	8	75	20.4	274.9	21.49	0.00
16	24	8	75	1.0	359.5	21.39	0.00
17	24	8	75	16.3	281.4	999.00	0.00
18	24	8	75	12.5	287.2	999.00	0.00
19	24	8	75	6.8	284.6	999.00	0.00
20	24	8	75	3.5	296.4	999.00	0.00
21	24	8	75	6.1	303.6	999.00	0.00
22	24	8	75	6.5	281.6	999.00	0.00
23	24	8	75	5.7	276.4	999.00	0.00

```
RIO BLANCO OIL SHALE PROJECT  SITE THREE

              METEOROLOGICAL  DATA
HR  DY  MO  YR       WS10  WDR10    AT10     PREC
++  ++  ++  ++      +-------------------------------+

 0  25   8  75       8.8  276.2  999.00      0.00

 1  25   8  75       8.2  278.4  999.00      0.00

 2  25   8  75       8.3  291.3  999.00      0.00

 3  25   8  75       8.0  287.8  999.00      0.00

 4  25   8  75       8.3  280.9  999.00      0.00

 5  25   8  75       7.7  278.4  999.00      0.00

 6  25   8  75       6.9  286.8  999.00      0.00

 7  25   8  75       2.5   86.5  999.00      0.00

 8  25   8  75       4.8   70.4  999.00      0.00

 9  25   8  75       3.7   95.5  999.00      0.00

10  25   8  75       9.5  282.9  999.00      0.00

11  25   8  75      13.9  264.3  999.00      0.00

12  25   8  75      11.8  286.4  999.00      0.00

13  25   8  75      12.0  262.6  999.00      0.00

14  25   8  75      11.5  266.0  999.00      0.00

15  25   8  75      10.5  259.6  999.00      0.00

16  25   8  75       8.6  272.6  999.00      0.00

17  25   8  75      10.2  263.1  999.00      0.00

18  25   8  75       7.6  277.9  999.00      0.00

19  25   8  75       5.3  274.0  999.00      0.00

20  25   8  75       7.8  270.3  999.00      0.00

21  25   8  75       7.0  271.1  999.00      0.00

22  25   8  75       7.2  283.5  999.00      0.00

23  25   8  75       6.6  272.1  999.00      0.00
```

```
RIO BLANCO OIL SHALE PROJECT  SITE THREE

                 METEOROLOGICAL  DATA
HR DY MO YR       WS10  WDR10   AT10     PREC
++ ++ ++ ++     +--------------------------------+

 0 26  8 75       7.7  283.1  999.00     0.00

 1 26  8 75       8.3  277.2  999.00     0.00

 2 26  8 75       5.6  324.8  999.00     0.00

 3 26  8 75       8.2  273.3  999.00     0.00

 4 26  8 75       3.0  265.5  999.00     0.00

 5 26  8 75       8.3  276.6  999.00     0.00

 6 26  8 75       6.0  272.3  999.00     0.00

 7 26  8 75       1.6   78.1  999.00     0.00

 8 26  8 75       5.2   80.9  999.00     0.00

 9 26  8 75       3.3   60.7  999.00     0.00

10 26  8 75     999.0  999.0  999.00     0.00

11 26  8 75       5.2  240.9  999.00     0.00

12 26  8 75      10.7  269.7  999.00     0.00

13 26  8 75      10.3  218.3  999.00     0.00

14 26  8 75       8.0  202.9  999.00     0.00

15 26  8 75       9.0  219.6  999.00     0.00

16 26  8 75      10.7  215.2  999.00     0.00

17 26  8 75       9.7  222.1  999.00     0.00

18 26  8 75      10.0  242.5  999.00     0.00

19 26  8 75       7.9  262.6  999.00     0.00

20 26  8 75       6.3  277.8  999.00     0.00

21 26  8 75       7.5  272.7  999.00     0.00

22 26  8 75       7.3  273.4  999.00     0.00

23 26  8 75       2.4  106.0  999.00     0.00
```

```
RIO BLANCO OIL SHALE PROJECT  SITE THREE

              METEOROLOGICAL  DATA
HR DY MO YR      WS10  WDR10   AT10     PREC
++ ++ ++ ++    +-------------------------------+

 0 27  8 75       7.7  282.9  999.00     0.00

 1 27  8 75       7.5  284.4  999.00     0.00

 2 27  8 75       5.5  257.8  999.00     0.00

 3 27  8 75       7.2  277.0  999.00     0.00

 4 27  8 75       6.9  275.3  999.00     0.00

 5 27  8 75       6.7  266.8  999.00     0.00

 6 27  8 75       4.4  267.6  999.00     0.00

 7 27  8 75       5.1  264.3  999.00     0.00

 8 27  8 75       1.7   82.0  999.00     0.00

 9 27  8 75       4.8   79.5  999.00     0.00

10 27  8 75      10.6  238.4  999.00     0.00

11 27  8 75      16.2  239.4    6.34     0.00

12 27  8 75      14.9  240.5   22.32     0.04

13 27  8 75      14.4  265.8   20.61   999.00

14 27  8 75      10.5  202.8   20.78     0.00

15 27  8 75       9.9  161.8   20.91     0.00

16 27  8 75       8.1  173.5   21.48     0.00

17 27  8 75       8.4  201.1   21.05     0.00

18 27  8 75      13.5  242.4   19.40     0.00

19 27  8 75       6.7  263.6   16.08     0.00

20 27  8 75       3.3  269.5   11.82     0.00

21 27  8 75       3.0  262.9   11.20     0.00

22 27  8 75       4.4  277.4   11.72     0.00

23 27  8 75       6.1  282.6    8.64     0.00
```

```
 RIO BLANCO OIL SHALE PROJECT  SITE THREE

               METEOROLOGICAL DATA
HR DY MO YR      WS10  WDR10    AT10     PREC
++ ++ ++ ++    +-------------------------------+

 0 28  8 75      5.6  273.4     8.88     0.00

 1 28  8 75      5.9  281.5     8.51     0.00

 2 28  8 75      4.9  275.9     8.06     0.00

 3 28  8 75      4.1  271.2     6.33     0.00

 4 28  8 75      6.3  271.7     5.33     0.00

 5 28  8 75      6.4  284.1     6.60     0.00

 6 28  8 75      6.7  275.8     6.08     0.00

 7 28  8 75      3.2  271.6     9.26     0.00

 8 28  8 75      5.2  166.3    16.36     0.00

 9 28  8 75    999.0  999.0   999.00   999.00

10 28  8 75    999.0  999.0   999.00   999.00

11 28  8 75    999.0  999.0   999.00   999.00

12 28  8 75    999.0  999.0   999.00   999.00

13 28  8 75    999.0  999.0   999.00   999.00

14 28  8 75    999.0  999.0   999.00   999.00

15 28  8 75     14.0  218.0    23.63     0.00

16 28  8 75     11.3  245.5    24.49     0.00

17 28  8 75     14.9  232.3    24.64     0.00

18 28  8 75     10.7  237.3    23.71     0.00

19 28  8 75      7.5  259.3    19.96     0.00

20 28  8 75      8.1  272.9    12.68     0.00

21 28  8 75      6.4  289.3    12.12     0.00

22 28  8 75      6.6  280.8    11.63     0.00

23 28  8 75      6.4  284.6    11.18     0.00
```

```
RIO BLANCO OIL SHALE PROJECT  SITE THREE

               METEOROLOGICAL  DATA
HR DY MO YR      WS10  WDR10   AT10     PREC
++ ++ ++ ++     +------------------------------+

 0 29  8 75       7.5  253.4   11.33     0.00

 1 29  8 75       7.1  277.4    8.90     0.00

 2 29  8 75       7.4  274.7    8.41     0.00

 3 29  8 75       5.7  270.8    5.41     0.00

 4 29  8 75       8.0  269.4    4.88     0.00

 5 29  8 75       7.4  273.8    4.55     0.00

 6 29  8 75       6.6  272.4    4.83     0.00

 7 29  8 75       3.5  277.6    9.25     0.00

 8 29  8 75       5.7   90.9   14.11     0.00

 9 29  8 75       6.4   72.7   18.00     0.00

10 29  8 75       8.7  236.2   21.94     0.00

11 29  8 75      16.0  253.8   23.03     0.00

12 29  8 75      13.8  247.2   23.67     0.00

13 29  8 75      12.5  239.6   23.92     0.00

14 29  8 75      11.8  244.7   24.49     0.00

15 29  8 75       7.9  243.5   24.99     0.00

16 29  8 75       9.0  225.3   25.33     0.00

17 29  8 75      11.1  236.6   25.09     0.00

18 29  8 75       8.0  222.6   24.54     0.00

19 29  8 75       6.0  277.7   17.62     0.00

20 29  8 75       6.8  280.9   13.09     0.00

21 29  8 75       8.2  284.3   13.07     0.00

22 29  8 75       3.9  266.0    9.47     0.00

23 29  8 75       5.9  278.7    7.17     0.00
```

```
          RIO BLANCO OIL SHALE PROJECT  SITE  THREE

                    METEOROLOGICAL  DATA
HR  DY  MO  YR        WS10   WDR10     AT10      PREC
++  ++  ++  ++     +--------------------------------------+

 0  30   8  75        6.5   264.8      7.49      0.00

 1  30   8  75        8.9   275.0      7.55      0.00

 2  30   8  75        5.9   272.0      6.35      0.00

 3  30   8  75        5.4   267.0      4.62      0.00

 4  30   8  75        7.8   268.8      4.36      0.00

 5  30   8  75        7.3   276.9      5.09      0.00

 6  30   8  75        7.4   276.6      6.33      0.00

 7  30   8  75        2.4    82.5     10.03      0.00

 8  30   8  75        4.3    79.9     14.10      0.00

 9  30   8  75        4.4    72.1     18.12      0.00

10  30   8  75        5.9    66.4     21.88      0.00

11  30   8  75        6.5   271.7     24.85      0.00

12  30   8  75       10.0   211.9     25.66      0.00

13  30   8  75       10.7   241.2     25.70      0.00

14  30   8  75       10.5   253.0     25.91      0.00

15  30   8  75       14.2   252.6     25.82      0.00

16  30   8  75       10.2   216.0     26.09      0.00

17  30   8  75       11.3   217.0     26.03      0.00

18  30   8  75        8.4   222.1     25.25      0.00

19  30   8  75        5.1   269.8     17.00      0.00

20  30   8  75        6.8   271.5     13.02      0.00

21  30   8  75        8.1   267.1     12.10      0.00

22  30   8  75        7.8   259.0     11.43      0.00

23  30   8  75        7.5   260.7     10.24      0.00
```

RIO BLANCO OIL SHALE PROJECT SITE THREE

METEOROLOGICAL DATA

HR	DY	MO	YR	WS10	WDR10	AT10	PREC
0	31	8	75	7.3	273.8	9.87	0.00
1	31	8	75	7.3	273.4	7.53	0.00
2	31	8	75	4.3	267.8	5.99	0.00
3	31	8	75	5.7	275.7	6.54	0.00
4	31	8	75	4.1	256.5	7.04	0.00
5	31	8	75	10.3	260.4	11.80	0.00
6	31	8	75	9.6	275.3	9.45	0.00
7	31	8	75	5.0	267.2	14.36	0.00
8	31	8	75	11.3	234.7	22.30	0.00
9	31	8	75	14.7	244.7	23.77	0.00
10	31	8	75	15.3	231.1	24.69	0.00
11	31	8	75	19.7	244.3	25.59	0.00
12	31	8	75	19.7	232.0	25.85	0.00
13	31	8	75	19.5	234.4	26.14	0.00
14	31	8	75	16.7	222.3	26.51	0.00
15	31	8	75	13.8	223.9	26.86	0.00
16	31	8	75	14.9	235.5	27.22	0.00
17	31	8	75	13.2	240.1	26.97	0.00
18	31	8	75	9.0	232.8	26.26	0.00
19	31	8	75	7.9	255.6	18.98	0.00
20	31	8	75	7.0	286.1	16.14	0.00
21	31	8	75	7.3	276.4	14.32	0.00
22	31	8	75	7.8	267.8	12.52	0.00
23	31	8	75	5.5	264.6	11.69	0.00

B.1.4

METEOROLOGICAL DATA FOR SITE 4
1 JUNE 1975 THROUGH 31 AUGUST 1975

WS10	Wind Speed at the 10-m level (mph)
WDR10	Wind Direction at the 10-m level (degrees)
AT10	Air Temperature at the 10-m level (degrees Celsius)
PREC	Precipitation at ground level (inches of H_2O)

RIO BLANCO OIL SHALE PROJECT SITE FOUR

METEOROLOGICAL DATA

HR	DY	MO	YR	WS10	WDR10	AT10	PREC
0	1	6	75	4.4	202.6	4.62	0.00
1	1	6	75	4.6	220.0	5.15	0.00
2	1	6	75	2.6	82.0	4.52	0.00
3	1	6	75	3.5	202.2	2.67	0.00
4	1	6	75	3.3	218.2	1.43	0.00
5	1	6	75	3.5	189.3	0.06	0.00
6	1	6	75	3.4	180.8	3.01	0.00
7	1	6	75	3.9	54.9	8.24	0.00
8	1	6	75	5.6	40.8	9.72	0.00
9	1	6	75	2.9	94.1	12.80	0.00
10	1	6	75	4.1	333.6	14.79	0.00
11	1	6	75	4.1	77.4	16.44	0.00
12	1	6	75	5.3	245.4	17.64	0.00
13	1	6	75	5.1	64.6	17.88	0.00
14	1	6	75	9.1	33.2	18.58	0.00
15	1	6	75	6.7	2.0	19.32	0.00
16	1	6	75	5.8	32.3	19.59	0.00
17	1	6	75	4.6	38.1	20.33	0.00
18	1	6	75	5.2	295.7	20.15	0.00
19	1	6	75	2.0	353.1	19.18	0.00
20	1	6	75	4.9	201.9	11.02	0.00
21	1	6	75	4.4	191.5	9.51	0.00
22	1	6	75	3.1	193.3	7.10	0.00
23	1	6	75	4.4	206.0	4.56	0.00

RIO BLANCO OIL SHALE PROJECT SITE FOUR

METEOROLOGICAL DATA

HR ++	DY ++	MO ++	YR ++	WS10	WDR10	AT10	PREC
0	2	6	75	3.1	193.2	3.80	0.00
1	2	6	75	4.4	210.8	2.75	0.00
2	2	6	75	2.0	202.7	2.43	0.00
3	2	6	75	5.0	193.9	1.51	0.00
4	2	6	75	2.6	210.2	0.76	0.00
5	2	6	75	2.9	223.1	0.59	0.00
6	2	6	75	2.5	200.0	3.03	0.00
7	2	6	75	4.2	32.7	8.66	0.00
8	2	6	75	4.2	36.7	13.17	0.00
9	2	6	75	3.4	44.3	18.01	0.00
10	2	6	75	4.2	50.6	21.02	0.00
11	2	6	75	9.9	265.7	22.47	0.00
12	2	6	75	9.9	245.6	22.89	0.00
13	2	6	75	13.9	201.8	23.42	0.00
14	2	6	75	11.4	245.2	21.36	0.00
15	2	6	75	12.7	223.8	23.57	0.00
16	2	6	75	12.9	240.8	22.02	0.00
17	2	6	75	7.5	263.3	21.88	0.00
18	2	6	75	12.0	24.8	19.21	0.00
19	2	6	75	4.6	51.4	16.04	0.00
20	2	6	75	3.1	186.7	14.32	0.00
21	2	6	75	3.1	186.7	14.32	0.00
22	2	6	75	3.1	186.7	14.32	0.00
23	2	6	75	3.9	203.9	8.22	0.00

```
RIO BLANCO OIL SHALE PROJECT  SITE  FOUR

             METEOROLOGICAL  DATA
HR DY MO YR      WS10  WDR10   AT10     PREC
++ ++ ++ ++    +--------------------------------+

 0  3  6 75      2.4   50.0    8.51     0.00

 1  3  6 75      4.2  183.9    6.88     0.00

 2  3  6 75      4.5  190.7    6.14     0.00

 3  3  6 75      2.9  181.3    5.66     0.00

 4  3  6 75      2.9  186.9    4.75     0.00

 5  3  6 75      4.7  198.8    3.12     0.00

 6  3  6 75      2.7  195.7    5.91     0.00

 7  3  6 75      3.1    9.1   10.71     0.00

 8  3  6 75      1.8  279.5   14.62     0.00

 9  3  6 75      3.7   14.8   17.91     0.00

10  3  6 75     14.4  196.0   20.78     0.00

11  3  6 75     17.9  196.4   21.78     0.00

12  3  6 75     21.8  199.3   22.21     0.00

13  3  6 75     18.7  199.1   23.10     0.00

14  3  6 75     20.8  199.3   22.79     0.00

15  3  6 75     20.3  206.0   23.03     0.00

16  3  6 75     19.9  214.8   22.85     0.00

17  3  6 75     15.9  281.4   19.24     0.00

18  3  6 75     16.9   12.9   13.90     0.00

19  3  6 75     11.5  349.5   12.32     0.00

20  3  6 75      5.9  327.9   11.31     0.00

21  3  6 75      7.4  258.7   10.61     0.00

22  3  6 75      3.2  313.5    8.93     0.04

23  3  6 75      3.3  127.2    8.40     0.00
```

```
 RIO BLANCO OIL SHALE PROJECT  SITE  FOUR

              METEOROLOGICAL  DATA
HR DY MO YR     WS10  WDR10    AT10     PREC
++ ++ ++ ++    +------------------------------+

 0  4  6 75      1.6  208.2    8.29     0.00

 1  4  6 75      5.0  349.3    8.12     0.01

 2  4  6 75      2.2  296.0    7.43     0.00

 3  4  6 75      2.3  234.9    6.10     0.00

 4  4  6 75      2.2  197.3    4.90     0.00

 5  4  6 75      0.6   18.3    4.41     0.00

 6  4  6 75      2.3  212.3    5.01     0.00

 7  4  6 75      1.2    1.6    8.95     0.00

 8  4  6 75      5.8   40.2   10.01     0.00

 9  4  6 75      6.5   27.5   11.70     0.00

10  4  6 75      4.3   24.7   12.90     0.00

11  4  6 75      5.6  263.7   14.69     0.00

12  4  6 75      4.3  216.2   16.04     0.00

13  4  6 75      5.9  292.6   17.01     0.00

14  4  6 75      6.5  279.9   17.82     0.00

15  4  6 75      7.7  269.9   18.62     0.00

16  4  6 75      9.1  263.3   18.63     0.00

17  4  6 75     10.0  290.0   17.91     0.00

18  4  6 75      6.3  285.1   17.69     0.00

19  4  6 75      3.9  359.0   17.28     0.00

20  4  6 75      1.9  170.9   12.35     0.00

21  4  6 75      4.8  204.0    9.21     0.00

22  4  6 75      3.4  208.0    7.20     0.00

23  4  6 75      3.7  216.1    5.76     0.00
```

```
RIO BLANCO OIL SHALE PROJECT  SITE  FOUR

                 METEOROLOGICAL  DATA
HR DY MO YR      WS10  WDR10   AT10      PREC
++ ++ ++ ++     +--------------------------------+

 0  5  6 75       3.6  193.6    4.41     0.00

 1  5  6 75       3.9  195.8    4.13     0.00

 2  5  6 75       1.9  224.4    2.81     0.00

 3  5  6 75       3.9  209.3    1.85     0.00

 4  5  6 75       2.9  222.5    0.83     0.00

 5  5  6 75       2.6  195.5    0.66     0.00

 6  5  6 75       3.1  197.5    3.76     0.00

 7  5  6 75       1.6  281.9   10.03     0.00

 8  5  6 75       3.2   50.3   13.60     0.00

 9  5  6 75       4.5   21.7   15.35     0.00

10  5  6 75       4.0  335.8   17.32     0.00

11  5  6 75       3.8   37.4   19.47     0.00

12  5  6 75       5.0  299.2   20.40     0.00

13  5  6 75       7.2  270.3   21.88     0.00

14  5  6 75       6.8   35.9   22.69     0.00

15  5  6 75      10.1   13.7   22.83     0.00

16  5  6 75       6.6   14.2   23.31     0.00

17  5  6 75       8.4  263.3   23.56     0.00

18  5  6 75       7.5  263.7   23.55     0.00

19  5  6 75       5.1  312.8   22.38     0.00

20  5  6 75       1.2  230.2   16.64     0.00

21  5  6 75       4.4  198.1   12.35     0.00

22  5  6 75       4.4  205.4    9.39     0.00

23  5  6 75       3.8  213.3    7.65     0.00
```

```
RIO BLANCO OIL SHALE PROJECT  SITE  FOUR

              METEOROLOGICAL DATA
HR DY MO YR       WS10  WDR10   AT10     PREC
++ ++ ++ ++     +-----------------------------+

 0  6  6 75      3.8  172.8    6.51     0.00

 1  6  6 75      4.7  210.0    3.71     0.00

 2  6  6 75      4.3  206.4    3.48     0.00

 3  6  6 75      3.4  203.2    2.87     0.00

 4  6  6 75      3.0  206.7    1.68     0.00

 5  6  6 75      4.7  208.6    2.40     0.00

 6  6  6 75      7.1  187.0    8.92     0.00

 7  6  6 75      3.5  224.3   10.74     0.00

 8  6  6 75      1.9    7.9   17.73     0.00

 9  6  6 75      2.6  358.4   20.57     0.00

10  6  6 75      4.3   26.4   21.47     0.00

11  6  6 75      5.9   34.6   22.32     0.00

12  6  6 75      5.9  312.1   24.03     0.00

13  6  6 75     11.9  252.2   24.10     0.00

14  6  6 75     11.5  255.6   24.11     0.00

15  6  6 75      9.8  252.8   24.94     0.00

16  6  6 75      6.6  315.9   24.98     0.00

17  6  6 75      7.9  309.6   24.63     0.00

18  6  6 75      8.3  273.6   24.66     0.00

19  6  6 75      3.4  282.5   23.79     0.00

20  6  6 75      2.8  218.7   18.98     0.00

21  6  6 75      4.7  206.7   12.59     0.00

22  6  6 75      4.8  201.3   11.00     0.00

23  6  6 75      5.0  209.2   10.00     0.00
```

```
 RIO BLANCO OIL SHALE PROJECT  SITE  FOUR

                METEOROLOGICAL DATA
HR DY MC YR      WS10  WDR10   AT10     PREC
++ ++ ++ ++     +-------------------------------+

 0  7  6 75      3.2  213.8    9.56     0.00

 1  7  6 75      4.7  211.0   10.39     0.00

 2  7  6 75     14.9  223.7   21.29     0.00

 3  7  6 75      7.1  181.6   18.40     0.00

 4  7  6 75      6.8  189.5   15.46     0.00

 5  7  6 75      1.9  180.4   11.99     0.00

 6  7  6 75      2.6  196.5   12.20     0.00

 7  7  6 75      4.3  227.8   14.31     0.00

 8  7  6 75      2.9  234.4   18.27     0.00

 9  7  6 75      7.5  286.1   20.30     0.00

10  7  6 75      9.5  344.7   19.30     0.00

11  7  6 75      9.2   15.2   20.31     0.00

12  7  6 75     10.2  302.7   19.91     0.00

13  7  6 75      2.4  125.5   16.75     0.01

14  7  6 75      6.1  237.1   20.13     0.00

15  7  6 75      8.1  238.3   18.85     0.00

16  7  6 75      9.8  349.3   19.46     0.00

17  7  6 75     16.5    2.7   14.76     0.00

18  7  6 75      8.6   40.1   10.18   999.00

19  7  6 75      9.5  337.1    9.56   999.00

20  7  6 75      2.5  152.1    9.35   999.00

21  7  6 75      0.8  197.2    9.15   999.00

22  7  6 75      5.6  205.9    9.44     0.00

23  7  6 75      2.3  203.2    8.85     0.00
```

```
RIO BLANCO OIL SHALE PROJECT  SITE  FOUR

           METEOROLOGICAL DATA
HR DY MO YR     WS10  WDR10    AT10     PREC
++ ++ ++ ++   +-------------------------------+

 0  8  6 75      1.7   81.9     9.08     0.00

 1  8  6 75      1.8  217.5     8.98     0.00

 2  8  6 75      3.0   14.9     9.23     0.00

 3  8  6 75      0.6  289.7     8.99     0.00

 4  8  6 75      2.4  167.9     9.19     0.00

 5  8  6 75      2.9  185.0     9.16     0.00

 6  8  6 75      2.4   70.5     9.36     0.01

 7  8  6 75      4.6  325.1    10.88     0.00

 8  8  6 75      5.0  342.6    11.24     0.00

 9  8  6 75      3.6   10.0    13.23     0.00

10  8  6 75      4.2   25.5    14.63     0.00

11  8  6 75      6.7  293.0    14.36     0.00

12  8  6 75      5.9  263.1    14.39     0.00

13  8  6 75      3.1  177.9    14.78     0.00

14  8  6 75      8.7  305.3    15.28     0.00

15  8  6 75     13.2  340.0    12.53     0.00

16  8  6 75      4.9  100.7    12.04     0.03

17  8  6 75      5.5  118.1    12.33     0.00

18  8  6 75      9.3   39.2    11.99     0.01

19  8  6 75      7.8   43.3     8.47     0.03

20  8  6 75      4.5  212.4     8.20     0.00

21  8  6 75      3.1  174.2     6.98     0.00

22  8  6 75      2.0  340.0     5.92     0.00

23  8  6 75      2.2  203.4     5.07     0.00
```

RIO BLANCO OIL SHALE PROJECT SITE FOUR

```
                METEOROLOGICAL DATA
HR DY MO YR       WS10  WDR10    AT10      PREC
++ ++ ++ ++     +--------------------------------+

 0  9  6 75      2.6  175.3     4.35      0.04

 1  9  6 75      1.4  226.7     3.52      0.00

 2  9  6 75      3.5  205.3     2.40      0.00

 3  9  6 75      3.5  204.9     1.46      0.00

 4  9  6 75      2.9  198.5     0.51      0.00

 5  9  6 75      1.0  190.2    -0.43      0.00

 6  9  6 75      1.8  205.5     0.39      0.00

 7  9  6 75      1.5   59.5     3.75      0.00

 8  9  6 75      6.3   33.2     5.37      0.00

 9  9  6 75      4.8   47.5     7.52      0.00

10  9  6 75      6.4   24.7     9.22      0.00

11  9  6 75      7.9   36.0    10.93      0.00

12  9  6 75      7.0  346.6    11.44      0.00

13  9  6 75      9.0  358.7    11.97      0.00

14  9  6 75     10.4   25.6    12.45      0.00

15  9  6 75     10.1  355.6    12.09      0.00

16  9  6 75      8.9  263.1    10.19      0.00

17  9  6 75     16.0  199.8     8.32      0.00

18  9  6 75      7.0  173.8     6.87      0.00

19  9  6 75      3.7  150.1     7.48      0.00

20  9  6 75      3.5  191.3     6.62      0.00

21  9  6 75      3.6  180.1     4.95      0.00

22  9  6 75      4.9  192.6     4.76      0.00

23  9  6 75      4.1  223.1     4.75      0.00
```

```
RIO BLANCO OIL SHALE PROJECT  SITE  FOUR

              METEOROLOGICAL  DATA
HR DY MO YR      WS10  WDR10    AT10     PREC
++ ++ ++ ++    +-----------------------------------+

 0 10  6 75      1.1   63.3     4.70     0.00

 1 10  6 75      2.8  180.4     4.87     0.00

 2 10  6 75      0.9  105.8     3.66     0.00

 3 10  6 75      1.7  188.2     2.60     0.00

 4 10  6 75      2.8  177.0     1.62     0.00

 5 10  6 75      2.8  203.2     1.41     0.00

 6 10  6 75      3.3  330.0     3.86     0.00

 7 10  6 75      3.1  355.9     5.03     0.00

 8 10  6 75     10.9    2.8     6.06     0.00

 9 10  6 75     11.3  344.9     6.78     0.00

10 10  6 75     10.0  349.1     7.04     0.00

11 10  6 75     12.4  355.6     8.28     0.00

12 10  6 75     12.8  349.9     9.02     0.00

13 10  6 75     11.9  351.6     8.07     0.00

14 10  6 75      9.1   52.0     6.26     0.00

15 10  6 75      8.0    9.4     9.16     0.01

16 10  6 75      6.8   49.3    10.10     0.00

17 10  6 75     10.9   26.8    10.02     0.00

18 10  6 75      5.6   49.8    10.05     0.00

19 10  6 75      3.2   61.3    10.74     0.00

20 10  6 75      1.8  175.8     7.43     0.00

21 10  6 75      3.7  192.6     4.25     0.00

22 10  6 75      4.1  200.2     2.16     0.00

23 10  6 75      4.0  192.4     1.59     0.00
```

```
RIO BLANCO OIL SHALE PROJECT  SITE  FOUR

             METEOROLOGICAL DATA
HR DY MO YR     WS10  WDR10   AT10     PREC
++ ++ ++ ++    +-------------------------------+

 0 11  6 75     2.1  199.1    0.34     0.00

 1 11  6 75     4.6  197.2   -0.54     0.00

 2 11  6 75     4.1  200.2   -1.01     0.00

 3 11  6 75     2.4  206.6   -2.63     0.00

 4 11  6 75     4.5  197.6   -2.04     0.00

 5 11  6 75     2.1  215.4   -2.97     0.00

 6 11  6 75     1.2  210.0   -1.37     0.00

 7 11  6 75     2.7   25.0    4.42     0.00

 8 11  6 75     2.9   36.3    8.63     0.00

 9 11  6 75     3.7  118.6   11.02     0.00

10 11  6 75     4.4    9.9   12.84     0.00

11 11  6 75     5.2  218.4   13.58     0.00

12 11  6 75     8.1  187.5   14.61     0.00

13 11  6 75     6.7  247.1   15.65     0.00

14 11  6 75     7.7  213.6   16.33     0.00

15 11  6 75     9.3  221.2   18.87     0.00

16 11  6 75     9.5  244.4   19.23     0.00

17 11  6 75     8.4  218.0   19.75     0.00

18 11  6 75     8.5  235.2   19.72     0.00

19 11  6 75     5.0  214.2   18.68     0.00

20 11  6 75     5.5  186.8   14.35     0.00

21 11  6 75     4.7  211.3   10.03     0.00

22 11  6 75     1.9  176.3    7.55     0.00

23 11  6 75     4.8  206.1    7.06     0.00
```

```
RIO BLANCO OIL SHALE PROJECT  SITE  FOUR

           METEOROLOGICAL  DATA
HR DY MO YR     WS10  WDR10   AT10     PREC
++ ++ ++ ++    +-------------------------------+

 0 12  6 75      4.1  203.7    5.58    0.00

 1 12  6 75      3.8  209.9    3.80    0.00

 2 12  6 75      5.1  213.8    2.56    0.00

 3 12  6 75      3.5  213.3    1.11    0.00

 4 12  6 75      3.8  214.9    0.85    0.00

 5 12  6 75      3.9  217.6    0.29    0.00

 6 12  6 75      2.7  213.8    3.57    0.00

 7 12  6 75      2.7  322.9   10.93    0.00

 8 12  6 75      2.6   35.7   15.63    0.00

 9 12  6 75      2.1   22.7   19.87    0.00

10 12  6 75      2.8   56.1   21.13    0.00

11 12  6 75     12.1    6.9   21.67    0.00

12 12  6 75      7.9   19.3   22.41    0.00

13 12  6 75      9.3  238.1   23.40    0.00

14 12  6 75     16.8  217.1   23.16    0.00

15 12  6 75     12.0  198.8   23.23    0.00

16 12  6 75      6.3  230.0   22.91    0.00

17 12  6 75     16.1  206.0   22.50    0.00

18 12  6 75     13.0  209.9   22.69    0.00

19 12  6 75      8.5  188.7   20.90    0.00

20 12  6 75      3.9  193.1   14.84    0.00

21 12  6 75      8.5  203.4   12.46    0.00

22 12  6 75      3.2  209.7   10.60    0.00

23 12  6 75      2.8  174.4    9.30    0.00
```

```
 RIO BLANCO OIL SHALE PROJECT  SITE  FOUR

            METEOROLOGICAL  DATA
HR  DY  MO  YR    WS10  WDR10   AT10    PREC
++  ++  ++  ++   +------------------------------+

 0  13   6  75     4.2  225.8    5.00    0.00

 1  13   6  75     5.4  210.4    5.23    0.00

 2  13   6  75     4.7  210.2    3.95    0.00

 3  13   6  75     4.5  215.4    3.22    0.00

 4  13   6  75     4.5  215.4    3.22    0.00

 5  13   6  75     3.7  222.3    3.29    0.00

 6  13   6  75     1.6  299.9    5.16    0.00

 7  13   6  75     4.2   25.5   11.42    0.00

 8  13   6  75     6.5   28.2   28.24    0.00

 9  13   6  75     4.6   41.4   19.69    0.00

10  13   6  75     3.8   19.8   23.13    0.00

11  13   6  75    12.3  256.3   24.62    0.00

12  13   6  75    16.7  255.9   25.04    0.00

13  13   6  75    16.6  261.8   25.54    0.00

14  13   6  75    13.5  265.7   26.42    0.00

15  13   6  75    13.1  247.8   26.36    0.00

16  13   6  75    15.6  232.6   26.98    0.00

17  13   6  75    12.4  245.9   26.53    0.00

18  13   6  75    12.4  248.6   25.60    0.00

19  13   6  75     6.3  247.4   23.69    0.00

20  13   6  75     5.1  224.2   21.76    0.00

21  13   6  75     3.1  182.1   17.68    0.00

22  13   6  75     3.4  192.2   14.26    0.00

23  13   6  75     5.4  180.5   13.60    0.00
```

```
RIO BLANCO OIL SHALE PROJECT  SITE  FOUR

              METEOROLOGICAL DATA
HR DY MO YR      WS10  WDR10   AT10     PREC
++ ++ ++ ++    +-------------------------------+

 0 14  6 75       6.9  198.2  13.94     0.00

 1 14  6 75       7.2  200.3  15.67     0.00

 2 14  6 75       2.5  170.3  15.02     0.00

 3 14  6 75       2.6  203.4  13.49     0.00

 4 14  6 75       5.4  285.7  14.41     0.00

 5 14  6 75       4.7  208.7  16.96     0.00

 6 14  6 75       5.3  214.7  15.28     0.00

 7 14  6 75       4.7  203.7  16.64     0.00

 8 14  6 75       9.6  316.3  19.61     0.00

 9 14  6 75      12.6  312.0  20.40     0.00

10 14  6 75      11.2  275.7  21.14     0.00

11 14  6 75      12.7  244.8  22.13     0.00

12 14  6 75      12.7  251.8  22.75     0.00

13 14  6 75      13.5  237.3  23.30     0.00

14 14  6 75      12.8  247.2  24.42     0.00

15 14  6 75      11.8  274.5  24.87     0.00

16 14  6 75      12.8  260.6  25.34     0.00

17 14  6 75      14.3  238.6  25.44     0.00

18 14  6 75      11.4  263.0  24.92     0.00

19 14  6 75      10.2  254.0  23.69     0.00

20 14  6 75       5.9  242.4  21.10     0.00

21 14  6 75       6.2  226.5  18.95     0.00

22 14  6 75       8.9  216.2  18.05     0.00

23 14  6 75       5.0  192.5  14.05     0.00
```

```
RIO BLANCO OIL SHALE PROJECT  SITE  FOUR

              METEOROLOGICAL DATA
HR DY MO YR      WS10  WDR10   AT10      PREC
++ ++ ++ ++     +-------------------------------+

 0 15  6 75      4.3  197.4   11.62      0.00

 1 15  6 75      2.5  171.8   10.39      0.00

 2 15  6 75      3.7  207.5    7.38      0.00

 3 15  6 75      4.2  215.0    5.74      0.00

 4 15  6 75      3.9  207.0    4.47      0.00

 5 15  6 75      3.3  210.2    3.14      0.00

 6 15  6 75      2.4  203.6    7.36      0.00

 7 15  6 75      2.8   18.6   13.56      0.00

 8 15  6 75      6.4  237.6   19.92      0.00

 9 15  6 75     11.5  242.3   21.32      0.00

10 15  6 75     10.7  250.4   22.39      0.00

11 15  6 75     11.2  240.3   23.04      0.00

12 15  6 75     10.6  243.3   23.75      0.00

13 15  6 75     14.1  245.2   24.83      0.00

14 15  6 75     11.9  256.3   25.62      0.00

15 15  6 75     13.1  251.5   26.30      0.00

16 15  6 75     13.6  235.4   26.31      0.00

17 15  6 75     10.8  253.2   26.09      0.00

18 15  6 75     14.1  255.4   26.01      0.00

19 15  6 75      9.8  255.8   25.06      0.00

20 15  6 75      2.4  189.0   18.85      0.00

21 15  6 75      2.7  199.0   14.11      0.00

22 15  6 75      3.9  216.1   13.58      0.00

23 15  6 75      3.2  185.1   13.36      0.00
```

```
 RIO BLANCO OIL SHALE PROJECT  SITE  FOUR

              METEOROLOGICAL DATA
HR DY MO YR      WS10  WDR10   AT10     PREC
++ ++ ++ ++    +-------------------------------+

 0 16  6 75     2.6  214.5   12.03     0.00

 1 16  6 75     4.4  199.1   11.66     0.00

 2 16  6 75     6.9  186.4   17.77     0.00

 3 16  6 75     8.1  178.2   17.12     0.00

 4 16  6 75     5.0  167.1   16.52     0.00

 5 16  6 75     7.9  248.9   18.01     0.00

 6 16  6 75     1.6  173.7   15.32     0.00

 7 16  6 75     6.5  195.3   17.16     0.00

 8 16  6 75     4.0  165.8   19.12     0.00

 9 16  6 75    10.4  235.7   21.76     0.00

10 16  6 75    11.5  246.9   22.91     0.00

11 16  6 75    12.2  253.2   23.27     0.00

12 16  6 75    16.0  260.3   24.01     0.00

13 16  6 75    16.2  258.7   24.01     0.00

14 16  6 75    15.0  261.9   22.88     0.00

15 16  6 75    18.3  271.0   23.70     0.00

16 16  6 75    16.5  278.5   22.51     0.00

17 16  6 75    13.8  278.9   21.55     0.00

18 16  6 75    12.7  281.4   21.07     0.00

19 16  6 75     3.9  265.3   19.94     0.00

20 16  6 75     2.2  191.7   15.37     0.00

21 16  6 75     2.2  183.7   12.34     0.00

22 16  6 75     3.9  194.0   12.92     0.00

23 16  6 75     3.7  210.7   10.47     0.00
```

```
RIO BLANCO OIL SHALE PROJECT  SITE  FOUR

              METEOROLOGICAL DATA
HR DY MO YR     WS10  WDP10   AT10    PREC
++ ++ ++ ++   +--------------------------------+

 0 17  6 75      3.8  210.2    9.94    0.00

 1 17  6 75      4.5  212.3   10.23    0.00

 2 17  6 75      2.5  100.8   10.03    0.00

 3 17  6 75      2.9  352.1   10.27    0.00

 4 17  6 75      4.9  177.7   10.52    0.00

 5 17  6 75      1.6  232.4   11.33    0.00

 6 17  6 75      1.6  200.5   10.59    0.00

 7 17  6 75      2.9   25.7   13.11    0.00

 8 17  6 75      4.9   31.2   14.77    0.00

 9 17  6 75      6.4   20.5   16.73    0.00

10 17  6 75      4.9  353.5   17.32    0.00

11 17  6 75      6.4  359.0   17.58    0.00

12 17  6 75      9.4   22.8   18.27    0.00

13 17  6 75      6.2   92.9   20.58    0.00

14 17  6 75     15.3  194.4   23.88    0.00

15 17  6 75     18.7  191.4   24.05    0.00

16 17  6 75     18.4  196.5   23.86    0.00

17 17  6 75     13.2  197.0   24.17    0.00

18 17  6 75      8.8  353.6   19.96    0.00

19 17  6 75     12.3   13.5   18.01    0.00

20 17  6 75      5.3   15.7   16.77    0.00

21 17  6 75      5.4   40.2   15.92    0.00

22 17  6 75      6.7  305.4   15.91    0.00

23 17  6 75      6.4    5.3   15.51    0.00
```

```
  RIO BLANCO OIL SHALE PROJECT  SITE  FOUR

                METEOROLOGICAL DATA
 HR DY MO YR       WS10  WDR10   AT10      PREC
 ++ ++ ++ ++     +------------------------------+

  0 18  6 75      6.9   15.3   14.20      0.00

  1 18  6 75      6.1   22.8   13.20      0.00

  2 18  6 75      1.8   54.3   11.62      0.00

  3 18  6 75      2.3  162.7   10.34      0.00

  4 18  6 75      1.7  232.2    9.74      0.00

  5 18  6 75      3.0  184.3    9.68      0.00

  6 18  6 75      4.0  195.5   10.60      0.00

  7 18  6 75      8.7  171.8   15.67      0.00

  8 18  6 75     12.1  162.7   17.13      0.00

  9 18  6 75     13.6  184.4   16.40      0.00

 10 18  6 75     20.7  167.7   15.37      0.00

 11 18  6 75     10.8  201.7   15.04      0.00

 12 18  6 75     12.6  256.3   12.16      0.00

 13 18  6 75     11.0  219.2   11.14      0.00

 14 18  6 75      9.9  246.1   10.87      0.00

 15 18  6 75     11.5  281.4    9.67      0.00

 16 18  6 75      3.3   16.6    6.69      0.04

 17 18  6 75      6.3   49.5    8.73      0.01

 18 18  6 75      4.4  157.3    8.18      0.00

 19 18  6 75      7.5  157.9    8.07      0.02

 20 18  6 75      5.7  196.8    7.08      0.00

 21 18  6 75      7.0  185.0    5.99      0.00

 22 18  6 75      1.3   91.3    3.25      0.00

 23 18  6 75      3.3  187.1    2.40      0.00
```

```
         RIO BLANCO OIL SHALE PROJECT  SITE  FOUR

                  METEOROLOGICAL  DATA
HR DY MO YR      WS10  WDR10    AT10     PREC
++ ++ ++ ++     +-------------------------------+

 0 19  6 75      4.2  211.5     3.57     0.00

 1 19  6 75      2.7  223.7     0.34     0.00

 2 19  6 75      3.2  216.2     1.03     0.00

 3 19  6 75      2.4  207.3    -0.13     0.00

 4 19  6 75      2.8  213.3     0.71     0.00

 5 19  6 75      3.3  192.9     0.84     0.00

 6 19  6 75      4.9  202.3     1.60     0.00

 7 19  6 75      4.9  204.2     7.21     0.00

 8 19  6 75      9.5  153.8    11.35     0.00

 9 19  6 75     13.7  150.7    13.34     0.00

10 19  6 75     14.3  177.1    14.00     0.00

11 19  6 75     21.3  189.1    15.19     0.00

12 19  6 75     18.1  172.7    16.46     0.00

13 19  6 75     20.9  196.1    17.45     0.00

14 19  6 75     17.5  184.5    17.98     0.00

15 19  6 75     18.9  192.7    18.71     0.00

16 19  6 75     18.6  187.7    18.89     0.00

17 19  6 75     20.2  202.9    19.05     0.00

18 19  6 75     13.0  227.1    18.38     0.00

19 19  6 75     11.0  263.6    14.10     0.00

20 19  6 75      8.1  252.1    11.53     0.00

21 19  6 75      2.4  155.5     9.71     0.00

22 19  6 75      4.0  211.9     6.17     0.00

23 19  6 75      3.2  188.2     5.45     0.00
```

```
 RIO BLANCO OIL SHALE PROJECT  SITE   FOUR

                METEOROLOGICAL  DATA
HR DY MO YR       WS10  WDR10    AT10      PREC
++ ++ ++ ++     +--------------------------------+

 0 20  6 75       3.0  194.3     4.71      0.00

 1 20  6 75       4.1  177.2     3.55      0.00

 2 20  6 75       3.8  207.7     2.20      0.00

 3 20  6 75       3.4  207.6     1.68      0.00

 4 20  6 75       1.2  151.8     0.65      0.00

 5 20  6 75       3.3  195.4    -0.21      0.00

 6 20  6 75       2.4  222.1     1.65      0.00

 7 20  6 75       1.7   18.6     8.86      0.00

 8 20  6 75       3.6   19.4    12.15      0.00

 9 20  6 75       2.5  130.3    17.37      0.00

10 20  6 75      19.0  181.5    15.47      0.00

11 20  6 75      13.3  225.0    10.00      0.00

12 20  6 75       7.1  190.8     7.97      0.04

13 20  6 75       8.6  210.6    11.32      0.03

14 20  6 75       4.6   56.6    13.41      0.00

15 20  6 75      12.5  208.8     9.28      0.01

16 20  6 75      11.7  216.9    13.45      0.03

17 20  6 75      17.5  203.1    14.66      0.00

18 20  6 75      13.0  273.4    12.94      0.00

19 20  6 75       8.5  289.0    11.83      0.00

20 20  6 75       3.9   18.5     9.00      0.00

21 20  6 75       4.5  276.4     8.15      0.00

22 20  6 75       2.3  197.0     5.37      0.00

23 20  6 75       3.7  203.7     3.30      0.00
```

```
 RIO BLANCO OIL SHALE PROJECT  SITE  FOUR

               METEOROLOGICAL  DATA
HR DY MO YR      WS10  WDR10    AT10     PREC
++ ++ ++ ++     +------------------------------+

 0 21  6 75       3.3  221.3     1.99     0.00

 1 21  6 75       2.8  208.5     2.10     0.00

 2 21  6 75       2.9  197.6     1.53     0.00

 3 21  6 75       4.1  201.3     0.40     0.00

 4 21  6 75       4.0  203.5     0.23     0.00

 5 21  6 75       2.3  205.5     0.28     0.00

 6 21  6 75       1.5  231.1     1.53     0.00

 7 21  6 75       1.7   10.0     7.37     0.00

 8 21  6 75       1.3  292.5    11.61     0.00

 9 21  6 75       4.6   79.1    13.98     0.00

10 21  6 75       9.5  227.6    14.81     0.00

11 21  6 75       9.5  245.4    15.57     0.00

12 21  6 75      16.3  203.6    15.18     0.00

13 21  6 75       4.4  250.4    12.66     0.00

14 21  6 75      22.0  225.3    14.40     0.00

15 21  6 75       9.0  197.0    14.36     0.00

16 21  6 75      16.2  231.4    14.21     0.00

17 21  6 75       7.0  210.6     9.04     0.01

18 21  6 75       6.5  197.6    11.80     0.01

19 21  6 75       2.4  184.3    12.45     0.00

20 21  6 75       2.7  187.6     9.01     0.00

21 21  6 75       2.5  216.6     6.67     0.00

22 21  6 75       3.0  213.9     7.35     0.00

23 21  6 75       2.2  202.4     7.61     0.00
```

```
 RIO BLANCO OIL SHALE PROJECT  SITE  FOUR

           METEOROLOGICAL DATA
HR DY MO YR     WS10  WDR10   AT10     PREC
++ ++ ++ ++    +-------------------------------+

 0 22  6 75     3.2  200.8    6.62     0.00

 1 22  6 75     0.7  233.6    5.19     0.00

 2 22  6 75     2.5  199.2    5.56     0.00

 3 22  6 75     1.4  330.6    5.35     0.00

 4 22  6 75     2.6  202.1    3.99     0.00

 5 22  6 75     3.2  214.6    2.18     0.00

 6 22  6 75     1.9  216.5    3.63     0.00

 7 22  6 75     1.3   27.7    9.74     0.00

 8 22  6 75     4.1   19.0   13.09     0.00

 9 22  6 75     5.3   18.8   15.01     0.00

10 22  6 75     7.1  119.8   12.78     0.01

11 22  6 75     4.6   11.5   15.93     0.02

12 22  6 75     5.1  182.3   16.34     0.00

13 22  6 75     5.7   66.9   17.55     0.02

14 22  6 75     4.2   97.8   18.55     0.00

15 22  6 75     3.6  164.6   19.16     0.00

16 22  6 75     6.4  273.3   19.59     0.00

17 22  6 75    10.5  225.1   20.16     0.00

18 22  6 75     8.0  215.3   20.29     0.00

19 22  6 75     5.9  214.8   19.23     0.00

20 22  6 75     4.5  218.2   13.89     0.00

21 22  6 75     5.3  189.9   12.04     0.00

22 22  6 75     3.0  218.1    8.40     0.00

23 22  6 75     4.3  207.8    6.14     0.00
```

```
RIO BLANCO OIL SHALE PROJECT  SITE  FOUR

                 METEOROLOGICAL DATA
HR DY MO YR      WS10  WDR10    AT10      PREC
++ ++ ++ ++    +---------------------------------+

 0 23  6 75       3.6  205.5     4.43      0.00

 1 23  6 75       3.6  209.4     2.28      0.00

 2 23  6 75       3.9  221.0     2.17      0.00

 3 23  6 75       3.8  217.2     1.78      0.00

 4 23  6 75       2.6  205.6     1.72      0.00

 5 23  6 75       3.6  213.6     1.41      0.00

 6 23  6 75       4.1  214.0     4.33      0.00

 7 23  6 75       1.8  214.2    11.90      0.00

 8 23  6 75       4.0   17.8    14.65      0.00

 9 23  6 75       2.5  174.8    20.27      0.00

10 23  6 75       7.5  166.0    21.99      0.00

11 23  6 75       5.1  212.6    22.30      0.00

12 23  6 75       9.4  221.3    22.81      0.00

13 23  6 75      10.2  191.5    24.55      0.00

14 23  6 75       8.9  214.8    24.05      0.00

15 23  6 75      10.4  271.7    23.39      0.00

16 23  6 75      13.1  194.1    25.45      0.00

17 23  6 75       8.3  210.2    25.12      0.00

18 23  6 75       9.2  200.0    24.20      0.00

19 23  6 75       1.3  177.7    22.70      0.00

20 23  6 75       3.4  203.3    16.78      0.00

21 23  6 75       3.3  181.5    14.25      0.00

22 23  6 75       3.4  203.4    10.65      0.00

23 23  6 75       3.2  202.4     7.70      0.00
```

```
 RIO BLANCO OIL SHALE PROJECT  SITE  FOUR

               METEOROLOGICAL DATA
HR DY MO YR      WS10  WDR10   AT10     PREC
++ ++ ++ ++     +------------------------------+

 0 24  6 75      4.6  208.4    6.84     0.00

 1 24  6 75      4.1  207.9    5.18     0.00

 2 24  6 75      5.1  216.4    4.01     0.00

 3 24  6 75      4.8  210.7    2.71     0.00

 4 24  6 75      5.1  203.4    3.63     0.00

 5 24  6 75      4.9  218.0    2.79     0.00

 6 24  6 75      5.0  207.7    6.75     0.00

 7 24  6 75      3.7  216.5   12.28     0.00

 8 24  6 75     10.5  161.2   21.13     0.00

 9 24  6 75     13.0  159.2   22.95     0.00

10 24  6 75     15.3  168.9   24.13     0.00

11 24  6 75    999.0  999.0  999.00   999.00

12 24  6 75    999.0  999.0  999.00   999.00

13 24  6 75    999.0  999.0  999.00   999.00

14 24  6 75    999.0  999.0  999.00   999.00

15 24  6 75    999.0  999.0  999.00   999.00

16 24  6 75     18.0  176.4   26.65     0.00

17 24  6 75     17.2  174.4   26.75     0.00

18 24  6 75     14.2  178.1   26.76     0.00

19 24  6 75     12.6  187.5   25.62     0.00

20 24  6 75      5.4  159.2   22.29     0.00

21 24  6 75      4.3  205.9   12.85     0.00

22 24  6 75      4.6  208.0    8.43     0.00

23 24  6 75      5.2  208.4    7.06     0.00
```

```
  RIO BLANCO OIL SHALE PROJECT  SITE  FOUR

              METEOROLOGICAL DATA
 HR DY MO YR     WS10  WDR10    AT10     PREC
 ++ ++ ++ ++    +--------------------------------+

  0 25  6 75      4.7  219.5    4.30     0.00

  1 25  6 75      2.7  253.5    5.53     0.00

  2 25  6 75      5.9  205.5    9.20     0.00

  3 25  6 75      6.1  198.1   11.56     0.00

  4 25  6 75      6.1  219.4    5.27     0.00

  5 25  6 75      6.8  211.4    6.28     0.00

  6 25  6 75      4.8  216.8    8.90     0.00

  7 25  6 75     13.9  180.2   19.40     0.00

  8 25  6 75     16.3  182.2   20.77     0.00

  9 25  6 75     19.7  187.5   20.63     0.00

 10 25  6 75     20.9  179.6   20.76     0.00

 11 25  6 75     21.1  185.7   21.43     0.00

 12 25  6 75     21.9  169.7   19.04     0.00

 13 25  6 75     26.4  232.7   14.87     0.00

 14 25  6 75     23.6  200.9   17.23     0.00

 15 25  6 75     17.3  259.3   16.38     0.00

 16 25  6 75     14.1  231.1   17.95     0.00

 17 25  6 75     17.2  279.3   15.41     0.00

 18 25  6 75     14.9  270.1   14.69     0.00

 19 25  6 75     14.5  271.7   13.05     0.00

 20 25  6 75      9.0  246.1   10.88     0.00

 21 25  6 75      6.1  261.2    9.78     0.00

 22 25  6 75      8.1  245.8    9.18     0.00

 23 25  6 75      1.6  127.5    3.73     0.00
 RIO BLANCO OIL SHALE PROJECT  SITE  FOUR

               METEOROLOGICAL DATA
HR DY MO YR       WS10  WDR10   AT10     PREC
++ ++ ++ ++     +-------------------------------+

 0 26  6 75      5.6  142.0     5.93     0.00

 1 26  6 75      4.6  212.3     0.53     0.00

 2 26  6 75      3.2  203.3    -0.09     0.00

 3 26  6 75      3.2  183.6    -1.43     0.00

 4 26  6 75      2.8  219.9    -2.51     0.00

 5 26  6 75      3.3  198.6    -2.61     0.00

 6 26  6 75      2.3  208.4    -1.13     0.00

 7 26  6 75      1.5  126.4     7.05     0.00

 8 26  6 75      3.6   20.7    10.97     0.00

 9 26  6 75      4.5  132.7    13.12     0.00

10 26  6 75      6.4  155.0    15.33     0.00

11 26  6 75      6.5  215.4    17.29     0.00

12 26  6 75      4.2  256.0    19.73     0.00

13 26  6 75      5.6  279.7    21.22     0.00

14 26  6 75      4.2   78.4    22.80     0.00

15 26  6 75      7.4  205.3    23.90     0.00

16 26  6 75      8.8  207.3    24.60     0.00

17 26  6 75     13.1  200.3    24.59     0.00

18 26  6 75     12.9  203.9    23.98     0.00

19 26  6 75     10.4  198.1    21.90     0.00

20 26  6 75      7.7  185.0    17.22     0.00

21 26  6 75      4.2  188.6    12.23     0.00

22 26  6 75      4.1  175.6     8.97     0.00

23 26  6 75      4.4  217.7     4.91     0.00
```

```
RIO BLANCO OIL SHALE PROJECT  SITE  FOUR

                METEOROLOGICAL DATA
HR DY MO YR      WS1)  WDR1)   AT1)     PREC
++ ++ ++ ++     +--------------------------------+

 0 27  6 75       5.2  196.9    2.45     0.00

 1 27  6 75       5.4  213.4    2.32     0.00

 2 27  6 75       5.3  216.4    1.39     0.00

 3 27  6 75       6.2  213.6    0.48     0.00

 4 27  6 75       4.9  210.1   -0.16     0.00

 5 27  6 75       3.8  207.0   -0.76     0.00

 6 27  6 75       2.1  212.8    3.07     0.00

 7 27  6 75       3.2   30.6   11.77     0.00

 8 27  6 75      10.7  143.9   21.24     0.00

 9 27  6 75      14.5  186.7   24.35     0.00

10 27  6 75      19.5  196.4   25.31     0.00

11 27  6 75      19.3  194.8   25.97     0.00

12 27  6 75      21.1  191.5   26.42     0.00

13 27  6 75      23.6  194.7   26.98     0.00

14 27  6 75      21.8  186.9   27.76     0.00

15 27  6 75      18.8  182.0   28.48     0.00

16 27  6 75      20.8  195.3   27.86     0.00

17 27  6 75      15.9  199.2   27.46     0.00

18 27  6 75       9.5  193.3   26.36     0.00

19 27  6 75       5.8  178.5   24.63     0.00

20 27  6 75       4.8  197.8   20.14     0.00

21 27  6 75       3.6  205.9   15.75     0.00

22 27  6 75       4.7  216.5   12.24     0.00

23 27  6 75       3.8  217.0   10.91     0.00
```

```
 RIO BLANCO OIL SHALE PROJECT  SITE  FOUR

               METEOROLOGICAL  DATA
HR  DY  MO  YR      WS10  WDR10   AT10     PREC
++  ++  ++  ++    +-------------------------------+

 0  28   6  75       5.0  207.2   12.24    0.00

 1  28   6  75       2.4  167.6    8.44    0.00

 2  28   6  75       4.7  182.6    8.12    0.00

 3  28   6  75       2.2  211.1    5.68    0.00

 4  28   6  75       4.6  212.4    2.93    0.00

 5  28   6  75       4.0  212.3    2.95    0.00

 6  28   6  75       1.6  201.4    5.99    0.00

 7  28   6  75       2.9  227.7   13.92    0.00

 8  28   6  75       2.3   90.7   19.59    0.00

 9  28   6  75       2.6    6.4   22.77    0.00

10  28   6  75       2.8  176.7   25.45    0.00

11  28   6  75      13.3  196.0   26.77    0.00

12  28   6  75      15.8  194.8   27.29    0.00

13  28   6  75      18.6  197.5   27.69    0.00

14  28   6  75      18.0  199.4   28.10    0.00

15  28   6  75      22.2  199.1   28.07    0.00

16  28   6  75      19.3  207.3   28.56    0.00

17  28   6  75      13.2  206.3   28.83    0.00

18  28   6  75      14.2  207.0   28.22    0.00

19  28   6  75       8.9  199.7   26.30    0.00

20  28   6  75       5.0  198.2   19.21    0.00

21  28   6  75       6.6  215.4   14.80    0.00

22  28   6  75       1.9  198.5   10.97    0.00

23  28   6  75       5.0  212.4    7.06    0.00
```

```
RIO BLANCO OIL SHALE PROJECT  SITE  FOUR

                 METEOROLOGICAL  DATA
HR DY MO YR      WS10  WDR10   AT10     PREC
++ ++ ++ ++    +--------------------------------+

 0 29  6 75      6.1  220.0    4.41     0.00

 1 29  6 75      4.6  198.4    3.44     0.00

 2 29  6 75      3.1  225.6    3.97     0.00

 3 29  6 75      6.1  212.3    2.21     0.00

 4 29  6 75      4.0  201.0    2.79     0.00

 5 29  6 75      6.2  219.3    1.30     0.00

 6 29  6 75      2.3  206.9    5.92     0.00

 7 29  6 75      3.4   21.0   13.76     0.00

 8 29  6 75     10.2  151.2   23.08     0.00

 9 29  6 75     13.1  177.9   25.70     0.00

10 29  6 75     12.5  185.3   26.24     0.00

11 29  6 75     13.8  189.7   27.19     0.00

12 29  6 75     18.2  207.5   27.52     0.00

13 29  6 75     17.0  201.1   28.22     0.00

14 29  6 75     20.7  199.3   28.76     0.00

15 29  6 75     19.0  196.9   28.42     0.00

16 29  6 75     13.9  171.2   28.61     0.00

17 29  6 75     16.1  187.7   29.18     0.00

18 29  6 75     13.6  185.1   28.93     0.00

19 29  6 75      9.6  193.8   26.27     0.00

20 29  6 75      3.7  191.6   17.85     0.00

21 29  6 75      4.1  188.4   13.17     0.00

22 29  6 75      4.9  203.4   10.09     0.00

23 29  6 75      2.3  164.8    7.90     0.00
```

RIO BLANCO OIL SHALE PROJECT SITE FOUR

```
                METEOROLOGICAL  DATA
HR DY MO YR       WS10  WDR10    AT10      PREC
++ ++ ++ ++     +-------------------------------+

 0 30  6 75       4.6  223.4     5.55      0.00

 1 30  6 75       4.8  221.5     4.15      0.00

 2 30  6 75       5.0  213.7     3.07      0.00

 3 30  6 75       3.2  204.1     2.21      0.00

 4 30  6 75       5.3  214.8     1.31      0.00

 5 30  6 75       4.3  208.3     0.63      0.00

 6 30  6 75       3.2  209.4     4.57      0.00

 7 30  6 75       1.4  264.1    14.20      0.00

 8 30  6 75       3.1   34.7    19.96      0.00

 9 30  6 75       3.0   14.5    24.94      0.00

10 30  6 75      10.0  170.8    28.46      0.00

11 30  6 75      12.4  177.9    29.59      0.00

12 30  6 75      11.9  155.7    29.75      0.00

13 30  6 75      14.3  197.7    30.39      0.00

14 30  6 75      14.9  174.4    31.12      0.00

15 30  6 75      15.2  199.7    31.51      0.00

16 30  6 75      15.4  202.0    31.51      0.00

17 30  6 75      12.7  187.1    31.28      0.00

18 30  6 75      11.1  195.8    30.76      0.00

19 30  6 75       6.0  192.6    28.88      0.00

20 30  6 75       7.2  203.6    21.09      0.00

21 30  6 75       5.0  207.9    15.22      0.00

22 30  6 75       5.0  196.6    12.75      0.00

23 30  6 75       6.4  201.4    10.85      0.00
```

```
 RIO BLANCO OIL SHALE PROJECT  SITE  FOUR

               METEOROLOGICAL  DATA
HR DY MO YR     WS10  WDR10    AT10     PREC
++ ++ ++ ++    +------------------------------+

 0  1  7 75      6.1  203.0    8.25     0.00

 1  1  7 75      6.0  213.6    4.51     0.00

 2  1  7 75      5.4  212.8    4.82     0.00

 3  1  7 75      5.6  214.3    4.57     0.00

 4  1  7 75      4.4  218.8    3.74     0.00

 5  1  7 75      3.3  207.7    2.67     0.00

 6  1  7 75      5.6  211.1    6.30     0.00

 7  1  7 75      1.6   46.2   15.27     0.00

 8  1  7 75      3.2   27.7   21.73     0.00

 9  1  7 75     10.4  138.3   28.17     0.00

10  1  7 75     16.1  159.1   29.54     0.00

11  1  7 75     16.3  170.9   31.00     0.00

12  1  7 75     15.9  195.2   31.16     0.00

13  1  7 75     16.4  196.6   31.70     0.00

14  1  7 75     19.5  204.9   31.70     0.00

15  1  7 75     18.7  206.7   31.89     0.00

16  1  7 75     15.8  203.8   32.17     0.00

17  1  7 75     16.2  202.6   31.88     0.00

18  1  7 75     10.6  195.6   31.67     0.00

19  1  7 75      5.7  198.6   29.32     0.00

20  1  7 75      6.4  189.6   23.43     0.00

21  1  7 75      2.4  207.5   17.26     0.00

22  1  7 75      4.3  212.0   13.85     0.00

23  1  7 75      4.5  215.5   11.65     0.00
```

```
RIO BLANCO OIL SHALE PROJECT  SITE  FOUR

              METEOROLOGICAL  DATA
HR DY MO YR      WS10  WDR10    AT10     PREC
++ ++ ++ ++    +------------------------------+

 0  2  7 75       2.4  216.1   10.92     0.00

 1  2  7 75       3.2  200.2   10.86     0.00

 2  2  7 75       4.5  197.2    9.73     0.00

 3  2  7 75       4.4  205.3    6.44     0.00

 4  2  7 75       3.9  217.1    6.15     0.00

 5  2  7 75       4.1  216.3    5.66     0.00

 6  2  7 75       0.9   11.5    8.39     0.00

 7  2  7 75       1.6   71.9   17.07     0.00

 8  2  7 75       2.7   22.3   23.03     0.00

 9  2  7 75       3.1   27.1   27.60     0.00

10  2  7 75       5.6  211.6   29.82     0.00

11  2  7 75       5.4  268.5   30.98     0.00

12  2  7 75       4.2  215.2   30.62     0.00

13  2  7 75       3.0  321.2   32.75     0.00

14  2  7 75       6.6  259.6   33.14     0.00

15  2  7 75       8.8  313.0   31.82     0.00

16  2  7 75      13.9   20.6   30.07     0.00

17  2  7 75       5.5  345.5   28.44     0.00

18  2  7 75       4.3  322.5   26.34     0.00

19  2  7 75       7.3   88.7   25.06     0.00

20  2  7 75       2.6   24.8   22.35     0.00

21  2  7 75       2.6  179.3   17.61     0.00

22  2  7 75       3.8  207.6   14.08     0.00

23  2  7 75       1.9  229.1   11.86     0.00
```

RIO BLANCO OIL SHALE PROJECT SITE FOUR

METEOROLOGICAL DATA

HR	DY	MO	YR	WS10	WDR10	AT10	PREC
0	3	7	75	2.9	139.1	11.55	0.00
1	3	7	75	1.1	80.5	10.53	0.00
2	3	7	75	3.2	202.8	10.64	0.00
3	3	7	75	2.8	198.9	10.53	0.00
4	3	7	75	3.6	191.9	9.86	0.00
5	3	7	75	4.7	210.7	9.67	0.00
6	3	7	75	2.8	204.3	11.82	0.00
7	3	7	75	2.0	227.2	17.78	0.00
8	3	7	75	6.5	169.0	22.47	0.00
9	3	7	75	3.4	132.5	25.36	0.00
10	3	7	75	5.4	213.6	26.70	0.00
11	3	7	75	5.3	140.7	25.77	0.00
12	3	7	75	5.8	119.9	26.93	0.00
13	3	7	75	3.6	13.5	27.71	0.00
14	3	7	75	9.8	194.5	28.78	0.00
15	3	7	75	9.1	187.7	29.49	0.00
16	3	7	75	4.0	149.2	29.25	0.00
17	3	7	75	6.4	291.5	30.58	0.00
18	3	7	75	8.7	309.4	29.29	0.00
19	3	7	75	12.8	49.7	21.38	0.00
20	3	7	75	7.5	161.3	19.18	0.00
21	3	7	75	2.3	114.2	20.09	0.00
22	3	7	75	2.6	257.2	18.95	0.00
23	3	7	75	5.7	37.1	17.51	0.00

```
  RIO BLANCO OIL SHALE PROJECT  SITE  FOUR

                METEOROLOGICAL DATA
HR DY MO YR       WS10  WDR10    AT10     PREC
++ ++ ++ ++      +-------------------------------+

 0  4  7 75        2.4   27.6   16.09     0.00

 1  4  7 75        1.4  155.6   14.42     0.00

 2  4  7 75        2.0  183.6   12.91     0.00

 3  4  7 75        3.2  201.2   11.00     0.00

 4  4  7 75        3.5  214.4    9.24     0.00

 5  4  7 75        3.3  211.8    9.03     0.00

 6  4  7 75        2.6  208.0   10.49     0.00

 7  4  7 75        3.4  198.7   16.62     0.00

 8  4  7 75        2.7   63.8   21.72     0.00

 9  4  7 75        5.4   43.2   22.52     0.00

10  4  7 75        6.2   32.4   24.67     0.00

11  4  7 75        8.1   35.0   27.01     0.00

12  4  7 75        5.5  999.0   19.94     0.00

13  4  7 75        1.4  999.0   23.28     0.00

14  4  7 75        8.3  255.7   23.52   999.00

15  4  7 75       11.0  255.3   23.11     0.00

16  4  7 75       10.7  200.7   24.93     0.00

17  4  7 75        7.8  207.8   27.31     0.00

18  4  7 75        3.7  207.1   26.46     0.00

19  4  7 75        1.9  208.2   26.08     0.00

20  4  7 75        1.8  203.9   20.37     0.00

21  4  7 75        3.0  185.9   18.07     0.00

22  4  7 75        2.4  216.8   16.25     0.00

23  4  7 75        4.0  231.0   14.95     0.00
```

```
RIO BLANCO OIL SHALE PROJECT  SITE  FOUR

             METEOROLOGICAL  DATA
HR DY MO YR     WS10  WDR10   AT10     PREC
++ ++ ++ ++    +--------------------------------+

 0  5  7 75      5.5  211.8   13.99     0.00

 1  5  7 75      1.0  127.9   12.22     0.00

 2  5  7 75      4.3  205.2   11.41     0.00

 3  5  7 75      5.2  219.9   10.97     0.00

 4  5  7 75      1.8  209.9    9.74     0.00

 5  5  7 75      3.2  224.9    9.33     0.00

 6  5  7 75      2.3  231.5    9.14     0.00

 7  5  7 75      4.0  222.2   15.36     0.00

 8  5  7 75      5.2   39.6   19.49     0.00

 9  5  7 75      3.2   24.9   21.63     0.00

10  5  7 75      3.2   42.5   22.52     0.00

11  5  7 75      3.8  312.3   25.19     0.00

12  5  7 75      5.7    9.8   25.96     0.00

13  5  7 75      6.4  352.4   27.04     0.00

14  5  7 75      4.6  332.0   28.32     0.00

15  5  7 75      6.1  163.7   29.00     0.00

16  5  7 75      7.8   48.3   29.71     0.00

17  5  7 75      7.2   31.8   27.43     0.00

18  5  7 75      6.6  284.8   25.98     0.00

19  5  7 75     12.3   18.8   25.22     0.00

20  5  7 75     15.5   39.2   22.33     0.00

21  5  7 75      6.3   34.0   21.28     0.00

22  5  7 75      2.1  222.1   18.52     0.00

23  5  7 75      5.3  208.7   16.09     0.00
```

```
RIO BLANCO OIL SHALE PROJECT  SITE  FOUR

                METEOROLOGICAL DATA
HR DY MO YR      WS10  WDR10    AT10     PREC
++ ++ ++ ++     +-------------------------------+

 0  6  7 75       1.8  206.6   15.85     0.00

 1  6  7 75       3.3  222.3   13.75     0.00

 2  6  7 75       2.7  206.6   11.68     0.00

 3  6  7 75       4.9  212.0   10.68     0.00

 4  6  7 75       2.4  221.7    9.45     0.00

 5  6  7 75       2.9  231.7    8.01     0.00

 6  6  7 75       1.3  202.8   10.51     0.00

 7  6  7 75       1.5  207.8   15.97     0.00

 8  6  7 75       2.8   76.2   19.51     0.00

 9  6  7 75       4.6   51.1   21.19     0.00

10  6  7 75       8.3   29.7   22.50     0.00

11  6  7 75       7.0   42.5   24.47     0.00

12  6  7 75       6.1   38.8   26.13     0.00

13  6  7 75       7.9   43.1   27.25     0.00

14  6  7 75       8.1   42.2   28.38     0.00

15  6  7 75      10.2   38.5   29.13     0.00

16  6  7 75       9.5   17.5   29.85     0.00

17  6  7 75      11.2   30.1   29.84     0.00

18  6  7 75       9.0   19.9   29.74     0.00

19  6  7 75       7.3   32.2   28.16     0.00

20  6  7 75       1.6  213.5   22.91     0.00

21  6  7 75       4.4  206.4   19.35     0.00

22  6  7 75       5.7  213.5   17.10     0.00

23  6  7 75       4.5  221.7   15.17     0.00
```

```
  RIO BLANCO OIL SHALE PROJECT  SITE  FOUR

                METEOROLOGICAL  DATA
 HR  DY  MO  YR      WS10  WDR10    AT10      PREC
 ++  ++  ++  ++     +--------------------------------+

  0   7   7  75       5.5  215.8    14.39      0.00

  1   7   7  75       3.3  217.7    13.02      0.00

  2   7   7  75       3.5  226.3    11.33      0.00

  3   7   7  75       4.1  225.8     9.45      0.00

  4   7   7  75       3.8  209.7    10.05      0.00

  5   7   7  75       3.3  215.9     9.23      0.00

  6   7   7  75       1.0  313.3    11.59      0.00

  7   7   7  75       1.1  197.4    17.84      0.00

  8   7   7  75       1.9  100.6    23.25      0.00

  9   7   7  75       2.9  354.3    25.79      0.00

 10   7   7  75       4.4    7.0    27.28      0.00

 11   7   7  75       5.3   51.3    28.92      0.00

 12   7   7  75       7.2   58.9    30.08      0.00

 13   7   7  75       6.5   60.6    30.83      0.00

 14   7   7  75      10.9   43.2    30.28      0.00

 15   7   7  75       9.9   29.6    30.77      0.00

 16   7   7  75      10.8   28.6    31.40      0.00

 17   7   7  75      12.5   13.5    30.64      0.00

 18   7   7  75      10.5   13.7    30.82      0.00

 19   7   7  75      12.2   38.0    29.06      0.00

 20   7   7  75       1.1   35.9    24.56      0.00

 21   7   7  75       3.8  216.4    18.79      0.00

 22   7   7  75       3.9  226.0    17.40      0.00

 23   7   7  75       2.2  215.6    16.14      0.00
```

```
     RIO BLANCO OIL SHALE PROJECT  SITE   FOUR

                    METEOROLOGICAL  DATA
   HR  DY  MO  YR      WS10  WDR10     AT10      PREC
   ++  ++  ++  ++    +-------------------------------+

    0   8   7  75      4.6  216.0     14.71      0.00

    1   8   7  75      4.2  221.6     13.57      0.00

    2   8   7  75      4.8  222.3     13.05      0.00

    3   8   7  75      3.3  205.8     12.96      0.00

    4   8   7  75      3.0  243.2     11.53      0.00

    5   8   7  75      3.8  215.2     11.11      0.00

    6   8   7  75      4.6  215.4     12.49      0.00

    7   8   7  75      1.9   46.5     16.69      0.00

    8   8   7  75      2.3  126.9     20.95      0.00

    9   8   7  75      4.4   50.5     22.81      0.00

   10   8   7  75      4.1   33.9     25.59      0.00

   11   8   7  75      5.2   17.0     27.21      0.00

   12   8   7  75      6.9   45.5     28.79      0.00

   13   8   7  75      5.2    3.7     28.81      0.00

   14   8   7  75      3.3   63.1     28.62      0.00

   15   8   7  75      8.9  205.3     23.04      0.00

   16   8   7  75      9.8  206.8     22.60      0.00

   17   8   7  75      2.6  223.4     23.51      0.00

   18   8   7  75     11.1  326.3     24.44      0.00

   19   8   7  75      4.6  309.2     22.33      0.00

   20   8   7  75      3.1  122.0     21.74      0.00

   21   8   7  75      2.5  206.2     18.75      0.00

   22   8   7  75      7.5  214.6     17.43      0.00

   23   8   7  75      6.0  220.4     17.86      0.00
```

```
RIO BLANCO OIL SHALE PROJECT  SITE  FOUR

              METEOROLOGICAL DATA
HR DY MO YR     WS10  WDR10    AT10     PREC
++ ++ ++ ++    +-----------------------------+

 0  9  7 75      3.2  105.8   18.14     0.00

 1  9  7 75      6.5   49.8   16.15     0.00

 2  9  7 75     12.3  174.6   16.75     0.00

 3  9  7 75     11.4  204.4   16.49     0.00

 4  9  7 75      9.6  201.7   16.03     0.00

 5  9  7 75      4.3  188.5   15.67     0.00

 6  9  7 75      5.3   73.9   15.67     0.00

 7  9  7 75      2.5   62.9   16.58     0.00

 8  9  7 75      2.6  168.7   18.74     0.00

 9  9  7 75      4.8  170.9   22.01     0.00

10  9  7 75      3.6   57.2   24.77     0.00

11  9  7 75      3.2  101.0   26.07     0.00

12  9  7 75      6.8   12.5   26.64     0.00

13  9  7 75      3.9  356.0   27.42     0.00

14  9  7 75      2.1  134.2   26.75     0.00

15  9  7 75     10.5  207.8   18.83     0.00

16  9  7 75      4.2  179.8   22.21     0.00

17  9  7 75      2.1    2.2   23.83     0.07

18  9  7 75     14.3   34.6   22.27     0.00

19  9  7 75      9.9  349.6   19.81     0.00

20  9  7 75      5.3  324.6   16.89     0.00

21  9  7 75      2.4  206.1   15.35     0.00

22  9  7 75      1.1   59.5   14.40     0.00

23  9  7 75      0.9  116.1   14.11     0.00
```

```
RIO BLANCO OIL SHALE PROJECT  SITE  FOUR

          METEOROLOGICAL DATA
HR DY MO YR      WS10  WDR10    AT10     PREC
++ ++ ++ ++     +-------------------------------+

 0 10  7 75      2.9  220.5    13.64     0.00

 1 10  7 75      2.4  204.3    12.06     0.00

 2 10  7 75      2.4  204.3    12.06     0.00

 3 10  7 75      2.4  230.1    11.16     0.00

 4 10  7 75      1.5  203.8    10.82     0.00

 5 10  7 75      2.4  220.1     9.97     0.00

 6 10  7 75      3.9  191.7    11.90     0.00

 7 10  7 75      0.9  219.0    15.47     0.00

 8 10  7 75      1.7   89.8    19.24     0.00

 9 10  7 75      1.9  127.9    21.26     0.00

10 10  7 75      3.5  347.9    22.25     0.00

11 10  7 75      4.4   55.1    24.01     0.00

12 10  7 75      4.7  350.6    25.64     0.00

13 10  7 75      5.9   23.9    26.80   999.00

14 10  7 75      6.3   26.7    27.84     0.00

15 10  7 75     10.1   37.2    28.49     0.00

16 10  7 75      6.1   23.7    28.71     0.00

17 10  7 75     16.5  213.8    27.78     0.00

18 10  7 75      9.6  266.0    26.57     0.00

19 10  7 75      4.2  263.5    24.87     0.00

20 10  7 75      1.5  245.2    21.74     0.00

21 10  7 75      4.0  214.5    17.06     0.00

22 10  7 75      4.2  227.9    15.31     0.00

23 10  7 75      4.0  216.0    14.37     0.00
```

```
 RIO BLANCO OIL SHALE PROJECT  SITE  FOUR

            METEOROLOGICAL  DATA
HR DY MO YR      WS10  WDR10    AT10     PREC
++ ++ ++ ++    +------------------------------+

 0 11  7 75       3.0  216.3   13.32     0.00

 1 11  7 75       3.8  215.6   12.49     0.00

 2 11  7 75       4.1  220.1   11.77     0.00

 3 11  7 75       3.1  230.7   10.37     0.00

 4 11  7 75       2.6  226.7    9.16     0.00

 5 11  7 75       1.6  208.0    8.10     0.00

 6 11  7 75       3.0  224.7    9.47     0.00

 7 11  7 75       1.8   34.3   15.72     0.00

 8 11  7 75       2.5   43.7   20.71     0.00

 9 11  7 75       2.7  231.7   22.38     0.00

10 11  7 75       4.7   65.7   24.09     0.00

11 11  7 75       6.0   24.9   25.53     0.00

12 11  7 75       9.7   44.9   26.23     0.00

13 11  7 75       9.3   26.9   26.76     0.00

14 11  7 75       8.3   43.7   27.33     0.00

15 11  7 75       9.2   16.6   27.48     0.00

16 11  7 75      12.7   27.9   28.19     0.00

17 11  7 75      11.8   33.7   27.97     0.00

18 11  7 75      11.6   53.1   27.68     0.00

19 11  7 75       9.1   47.6   25.92     0.00

20 11  7 75       3.5   34.4   22.19     0.00

21 11  7 75       4.4  224.4   16.06     0.00

22 11  7 75       4.1  235.0   13.90     0.00

23 11  7 75       4.6  224.7   13.15     0.00
```

```
RIO BLANCO OIL SHALE PROJECT  SITE  FOUR

               METEOROLOGICAL DATA
HR DY MO YR      WS10  WDR10   AT10     PREC
++ ++ ++ ++     +-----------------------------+

 0 12  7 75      3.3  230.7   12.01     0.00

 1 12  7 75      3.8  235.9   11.35     0.00

 2 12  7 75      3.1  226.5    9.89     0.00

 3 12  7 75      5.2  219.1    9.89     0.00

 4 12  7 75      2.5  240.2    7.97     0.00

 5 12  7 75      3.2  224.2    6.67     0.00

 6 12  7 75      2.5  241.4    8.66     0.00

 7 12  7 75      1.1  108.6   12.18     0.00

 8 12  7 75      2.9   48.7   17.16     0.00

 9 12  7 75      3.3   68.6   20.39     0.00

10 12  7 75      4.6   69.6   23.15     0.00

11 12  7 75      4.9  230.6   24.54     0.00

12 12  7 75      7.2  220.4   25.03     0.00

13 12  7 75      6.4  265.7   26.02     0.00

14 12  7 75      8.5  226.5   26.85     0.00

15 12  7 75      6.1  246.3   27.30     0.00

16 12  7 75      4.8  217.0   27.82     0.00

17 12  7 75      4.3   54.3   27.86     0.00

18 12  7 75      5.2  233.3   27.30     0.00

19 12  7 75      3.3   71.6   25.99     0.00

20 12  7 75      6.7  201.5   22.44     0.00

21 12  7 75      4.6  228.0   18.93     0.00

22 12  7 75      2.6  222.4   16.43     0.00

23 12  7 75      4.3  227.4   14.78     0.00
```

```
 RIO BLANCO OIL SHALE PROJECT  SITE  FOUR

              METEOROLOGICAL  DATA
HR DY MO YR     WS10  WDR10    AT10     PREC
++ ++ ++ ++   +-------------------------------+

 0 13  7 75      3.0  243.6   12.74     0.00

 1 13  7 75      3.6  208.4   11.32     0.00

 2 13  7 75      4.2  223.5   11.45     0.00

 3 13  7 75      4.9  235.5   12.22     0.00

 4 13  7 75      4.1  232.6   10.37     0.00

 5 13  7 75      3.2  222.0   10.19     0.00

 6 13  7 75      2.7  239.2   12.75     0.00

 7 13  7 75      4.9  196.2   19.65     0.00

 8 13  7 75      4.2  181.7   22.41     0.00

 9 13  7 75      4.8  164.3   23.54     0.00

10 13  7 75      5.4  145.4   25.10     0.00

11 13  7 75      7.6  233.3   25.60     0.00

12 13  7 75     13.9  234.9   25.97     0.00

13 13  7 75      9.1  185.7   26.59     0.00

14 13  7 75     10.5  135.6   20.92     0.00

15 13  7 75      4.9  192.7   24.11     0.00

16 13  7 75      7.5  216.0   26.79     0.00

17 13  7 75     10.4  269.6   25.08   999.00

18 13  7 75      6.6  263.7   24.92     0.00

19 13  7 75      4.4  259.8   24.42     0.00

20 13  7 75      3.2  177.7   20.92     0.00

21 13  7 75      1.4  205.8   18.36     0.00

22 13  7 75      5.4  223.3   16.72     0.00

23 13  7 75      4.6  226.9   14.63     0.00
```

```
RIO BLANCO OIL SHALE PROJECT  SITE  FOUR

            METEOROLOGICAL DATA
HR DY MO YR     WS10  WDR10   AT10     PREC
++ ++ ++ ++    +-------------------------------+

 0 14  7 75      3.1  243.3   12.45     0.00

 1 14  7 75      3.5  232.6   11.42     0.00

 2 14  7 75      4.4  226.1   11.68     0.00

 3 14  7 75      2.5  228.1   10.67     0.00

 4 14  7 75      3.7  227.0    9.99     0.00

 5 14  7 75      2.8  239.1    9.37     0.00

 6 14  7 75      1.3  234.3   10.73     0.00

 7 14  7 75      1.1  153.7   17.17     0.00

 8 14  7 75      1.6   11.3   21.34     0.00

 9 14  7 75      1.9  100.4   23.72     0.00

10 14  7 75      2.0  104.7   26.31     0.00

11 14  7 75      3.6   98.2   26.74     0.00

12 14  7 75      6.1   83.9   27.73     0.00

13 14  7 75      4.4  287.0   27.55     0.00

14 14  7 75      2.9  190.3   27.42     0.00

15 14  7 75      5.0  169.7   29.76     0.00

16 14  7 75      8.4  199.2   26.02     0.00

17 14  7 75      6.5  195.9   28.32     0.00

18 14  7 75      7.6  219.4   27.55     0.00

19 14  7 75      6.2  199.1   25.52     0.00

20 14  7 75      7.0   21.4   23.70     0.00

21 14  7 75      7.5   48.7   22.10     0.00

22 14  7 75      4.5  182.7   21.04     0.00

23 14  7 75      8.6  182.8   20.92     0.00
```

```
RIO BLANCO OIL SHALE PROJECT  SITE  FOUR

            METEOROLOGICAL DATA
HR DY MO YR     WS10  WDR10   AT10    PREC
++ ++ ++ ++    +-------------------------------+

 0 15  7 75     10.9  208.9   20.30    0.00

 1 15  7 75      6.8  196.3   19.82    0.00

 2 15  7 75      4.6  112.3   19.16    0.00

 3 15  7 75      2.3   52.5   15.71    0.00

 4 15  7 75      3.5  238.1   15.22    0.00

 5 15  7 75      2.4  231.3   12.41    0.00

 6 15  7 75      2.0  204.2   13.52    0.00

 7 15  7 75      4.3  213.3   15.58    0.00

 8 15  7 75      1.7  307.3   19.18    0.00

 9 15  7 75      4.4  117.5   22.22    0.00

10 15  7 75      3.9  123.8   25.24    0.00

11 15  7 75      5.2   28.4   26.00    0.00

12 15  7 75      5.5   26.8   24.36    0.00

13 15  7 75      9.4   68.1   25.29    0.00

14 15  7 75      9.1    5.6   24.20    0.00

15 15  7 75      9.5   39.9   24.10    0.00

16 15  7 75      8.3   52.0   25.63    0.00

17 15  7 75      6.1   59.4   26.03    0.00

18 15  7 75      5.9   46.6   24.53    0.00

19 15  7 75      6.7  236.5   21.55    0.00

20 15  7 75      5.4  202.1   20.63    0.00

21 15  7 75      7.1   22.2   17.74  999.00

22 15  7 75      4.0  213.5   15.93    0.03

23 15  7 75      3.9  237.6   15.37    0.01
```

```
              METEOROLOGICAL DATA
HR DY MO YR      WS10  WDR10    AT10     PREC
++ ++ ++ ++     +------------------------------+

 0 16  7 75      3.6  284.7   12.96     0.00

 1 16  7 75      3.4  207.8   13.80     0.00

 2 16  7 75      3.0  251.7   14.41     0.00

 3 16  7 75      6.4  253.7   13.81     0.00

 4 16  7 75      3.3  146.9   15.78     0.00

 5 16  7 75      2.6  209.6   13.74     0.00

 6 16  7 75      2.9  204.0   12.97     0.02

 7 16  7 75      0.9  251.0   15.11     0.00

 8 16  7 75      1.0  310.1   20.24     0.00

 9 16  7 75      5.7  198.8   20.92     0.00

10 16  7 75     10.2  200.2   16.55     0.01

11 16  7 75      4.5  205.6   15.89     0.08

12 16  7 75      2.8   59.8   15.66     0.01

13 16  7 75      3.5  175.0   16.46     0.01

14 16  7 75      4.6   83.5   15.74     0.06

15 16  7 75      8.6  162.7   18.78     0.01

16 16  7 75      5.1  144.3   19.82     0.00

17 16  7 75      1.9  120.5   20.77     0.00

18 16  7 75      4.1    6.0   15.86     0.00

19 16  7 75      4.9   77.7   16.09     0.01

20 16  7 75      5.4  268.0   13.97     0.12

21 16  7 75      4.9  109.1   13.74     0.05

22 16  7 75      8.2  200.3   13.40     0.00

23 16  7 75     10.3  177.1   13.40     0.00
```

```
 RIO BLANCO OIL SHALE PROJECT  SITE  FOUR

             METEOROLOGICAL DATA
HR DY MO YR      WS10  WDR10   AT10     PREC
++ ++ ++ ++     +------------------------------+

 0 17  7 75       5.0  202.8   12.51     0.01

 1 17  7 75       2.6  189.4   11.42     0.00

 2 17  7 75       2.7  188.1   10.07     0.00

 3 17  7 75       2.9  205.9    8.93     0.00

 4 17  7 75       1.7  216.1    8.34     0.00

 5 17  7 75       2.7  228.2    7.53     0.00

 6 17  7 75       3.5  218.0    8.42     0.00

 7 17  7 75       1.0  316.1   13.26     0.00

 8 17  7 75       1.3   82.9   17.20     0.00

 9 17  7 75       2.1  191.6   20.65     0.00

10 17  7 75      10.6  208.6   22.39     0.00

11 17  7 75      11.8  218.2   23.23     0.00

12 17  7 75      11.5  211.5   23.62     0.00

13 17  7 75      13.3  222.1   23.75     0.00

14 17  7 75      11.3  236.3   21.56     0.00

15 17  7 75      12.4  221.2   24.49     0.00

16 17  7 75      14.5  215.6   25.03     0.00

17 17  7 75      12.4  221.0   25.34     0.00

18 17  7 75       6.1  213.4   25.33     0.00

19 17  7 75       4.5  215.8   22.60     0.00

20 17  7 75       3.9  204.5   18.15     0.00

21 17  7 75       2.2  240.1   14.45     0.00

22 17  7 75       2.4  250.9   14.10     0.00

23 17  7 75       2.4  247.3   14.47     0.00
```

```
RIO BLANCO OIL SHALE PROJECT  SITE  FOUR

              METEOROLOGICAL DATA
HR DY MO YR     WS10  WDR10   AT10     PREC
++ ++ ++ ++    +-------------------------------+

 0 18  7 75     2.2  236.1   14.55     0.00

 1 18  7 75     3.0  252.5   14.42     0.00

 2 18  7 75     2.1   35.8   14.32     0.00

 3 18  7 75     2.5  190.9   13.35     0.00

 4 18  7 75     3.5  231.5   10.70     0.00

 5 18  7 75     4.0  217.6    9.82     0.00

 6 18  7 75     2.7  239.4   10.62     0.00

 7 18  7 75     1.2   23.9   16.39     0.00

 8 18  7 75     5.2  159.7   21.89     0.00

 9 18  7 75     7.9  211.3   24.23     0.00

10 18  7 75     6.9  226.3   25.20     0.00

11 18  7 75     4.9  247.5   26.30     0.00

12 18  7 75     6.9  216.2   27.07     0.00

13 18  7 75     5.4  230.2   27.21     0.00

14 18  7 75     4.3  238.0   27.97     0.00

15 18  7 75    10.5  233.2   28.34     0.00

16 18  7 75     4.1  113.0   28.42     0.00

17 18  7 75     9.8  214.4   28.51     0.00

18 18  7 75     6.6  234.6   27.71     0.00

19 18  7 75     4.8  200.2   25.41     0.00

20 18  7 75     6.8  204.1   21.54     0.00

21 18  7 75     1.8  218.6   17.08     0.00

22 18  7 75     3.8  229.1   14.65     0.00

23 18  7 75     3.2  229.3   12.42     0.00
```

```
 RIO BLANCO OIL SHALE PROJECT  SITE   FOUR

              METEOROLOGICAL DATA
HR DY MO YR     WS10  WDR10    AT10     PREC
++ ++ ++ ++    +--------------------------------+

 0 19  7 75      3.7  226.7   10.44     0.00

 1 19  7 75      3.7  239.6   10.31     0.00

 2 19  7 75      1.7  218.5    9.58     0.00

 3 19  7 75      2.5  236.4    8.10     0.00

 4 19  7 75      2.1  219.2    7.72     0.00

 5 19  7 75      4.9  224.6    8.69     0.00

 6 19  7 75      2.0  228.9    9.46     0.00

 7 19  7 75      1.9  248.5   15.70     0.00

 8 19  7 75      1.5   37.3   21.82     0.00

 9 19  7 75      2.2   19.0   24.41     0.00

10 19  7 75      2.2   50.1   27.21     0.00

11 19  7 75      2.7   17.9   28.48     0.00

12 19  7 75      9.6   13.6   28.31     0.00

13 19  7 75      5.5   39.2   28.43     0.00

14 19  7 75      6.4    5.7   29.01     0.00

15 19  7 75      3.3  322.6   30.64     0.00

16 19  7 75      3.5  296.7   30.65     0.00

17 19  7 75      5.1  255.1   30.06     0.00

18 19  7 75      6.6  351.0   29.91     0.00

19 19  7 75      3.6  343.9   29.05     0.00

20 19  7 75      4.2  225.2   20.51     0.00

21 19  7 75      5.6  209.9   19.96     0.00

22 19  7 75      4.3  231.6   15.32     0.00

23 19  7 75      3.2  230.3   15.02     0.00
```

```
 RIO BLANCO OIL SHALE PROJECT  SITE   FOUR

               METEOROLOGICAL  DATA
HR DY MO YR      WS10  WDR10    AT10     PREC
++ ++ ++ ++     +------------------------------+

 0 20  7 75      4.2  224.1    14.88     0.00

 1 20  7 75      2.2  215.6    14.37     0.00

 2 20  7 75      3.2  220.1    12.38     0.00

 3 20  7 75      3.6  231.9    10.33     0.00

 4 20  7 75      2.5  240.5    10.29     0.00

 5 20  7 75      2.7  233.8    10.51     0.00

 6 20  7 75      2.7  232.6    11.55     0.00

 7 20  7 75      1.1  251.9    13.64     0.00

 8 20  7 75      1.3  197.7    22.42     0.00

 9 20  7 75      6.4   41.3    23.95     0.00

10 20  7 75      5.7   49.7    26.72     0.00

11 20  7 75      7.3   25.2    27.98     0.00

12 20  7 75      6.3   73.4    29.16     0.00

13 20  7 75      3.4    0.3    29.55     0.00

14 20  7 75     14.4  252.3    28.71     0.00

15 20  7 75     10.2  176.6    28.58     0.00

16 20  7 75      8.8  211.5    25.44     0.00

17 20  7 75     16.0   16.3    26.99     0.00

18 20  7 75     13.5   48.8    25.71     0.00

19 20  7 75      9.0   64.9    24.70     0.00

20 20  7 75      2.6  223.2    21.22     0.00

21 20  7 75      3.5  216.3    17.20     0.00

22 20  7 75      3.7  226.1    14.54     0.00

23 20  7 75      2.8  243.1    13.34     0.00
```

```
  RIO BLANCO OIL SHALE PROJECT  SITE  FOUR

               METEOROLOGICAL  DATA
HR  DY  MO  YR     WS10  WDR10    AT10     PREC
++  ++  ++  ++    +-------------------------------+

 0  21   7  75      4.1  354.5   13.19     0.00

 1  21   7  75      5.0  201.3   12.33     0.00

 2  21   7  75      3.7  231.0   11.35     0.00

 3  21   7  75      3.6  236.1   12.28     0.00

 4  21   7  75      2.5  216.3   11.17     0.00

 5  21   7  75      5.2  223.8   11.06     0.00

 6  21   7  75      3.3  234.5   11.03     0.00

 7  21   7  75      3.2  215.9   15.75     0.00

 8  21   7  75      2.3   83.3   20.84     0.00

 9  21   7  75      1.7  232.8   24.57     0.00

10  21   7  75      2.4  296.2   25.91     0.00

11  21   7  75      4.0  115.1   27.26     0.00

12  21   7  75      5.0   60.4   28.14     0.00

13  21   7  75      6.6  354.2   28.96     0.00

14  21   7  75      6.8  137.1   28.58     0.00

15  21   7  75      4.5  196.1   28.76     0.00

16  21   7  75      7.6  339.0   27.25     0.00

17  21   7  75      9.9  241.2   20.71   999.00

18  21   7  75      6.9  283.5   21.58     0.01

19  21   7  75      4.1  216.4   21.01     0.00

20  21   7  75      6.8  149.9   19.94     0.00

21  21   7  75      5.9  214.0   15.93     0.00

22  21   7  75      2.7  210.8   13.69     0.00

23  21   7  75      3.4  221.1   11.14     0.00
```

```
RIO BLANCO OIL SHALE PROJECT  SITE  FOUR

              METEOROLOGICAL DATA
HR DY MO YR      WS10  WDR10   AT10    PREC
++ ++ ++ ++    +-----------------------------+

 0 22  7 75      4.9  223.0   10.16    0.00

 1 22  7 75      2.8  237.7    8.94    0.00

 2 22  7 75      3.4  225.4    8.79    0.00

 3 22  7 75      4.9  227.1    9.14    0.00

 4 22  7 75      3.2  223.1    7.11    0.00

 5 22  7 75      3.6  239.7    6.69    0.00

 6 22  7 75      1.9  234.5    8.51    0.00

 7 22  7 75      0.9  265.3   14.80    0.00

 8 22  7 75      2.1  252.2   18.66    0.00

 9 22  7 75      3.0   57.9   21.89    0.00

10 22  7 75      5.1   46.8   24.25    0.00

11 22  7 75      2.8  167.4   27.36    0.00

12 22  7 75      8.3  278.3   28.52    0.00

13 22  7 75      7.9  284.4   28.89    0.00

14 22  7 75      7.5  232.1   29.29    0.00

15 22  7 75      7.7  246.0   29.08    0.00

16 22  7 75      7.9  316.7   29.96    0.00

17 22  7 75      7.2    8.5   29.97    0.00

18 22  7 75      7.1  349.9   29.75    0.00

19 22  7 75      4.8   11.9   28.17    0.00

20 22  7 75      2.3  204.5   19.63    0.00

21 22  7 75      3.7  213.1   17.43    0.00

22 22  7 75      4.9  232.8   14.93    0.00

23 22  7 75      4.4  196.2   16.61    0.00
```

```
RIO BLANCO OIL SHALE PROJECT  SITE  FOUR

             METEOROLOGICAL DATA
HR DY MO YR     WS10  WDR10    AT10     PREC
++ ++ ++ ++    +------------------------------+

 0 23  7 75      1.9  355.4   15.20     0.00

 1 23  7 75      4.0  227.6   13.63     0.00

 2 23  7 75      3.8  228.1   12.52     0.00

 3 23  7 75      2.6  239.1   11.05     0.00

 4 23  7 75      3.9  225.2   10.14     0.00

 5 23  7 75      5.4  225.3    9.73     0.00

 6 23  7 75      1.7  226.4   10.28     0.00

 7 23  7 75      0.9  119.4   16.19     0.00

 8 23  7 75      3.4   48.8   20.30     0.00

 9 23  7 75      3.5   48.1   22.44     0.00

10 23  7 75      5.6   74.7   24.20     0.00

11 23  7 75      7.9   21.7   26.06     0.00

12 23  7 75     11.8   32.6   26.78     0.00

13 23  7 75     10.2   30.3   27.23     0.00

14 23  7 75      8.0   18.2   28.49     0.00

15 23  7 75      7.4  349.8   28.94     0.00

16 23  7 75      8.4  353.0   29.99     0.00

17 23  7 75     11.0   31.6   28.70     0.00

18 23  7 75      7.4   36.1   28.92     0.00

19 23  7 75      4.2   23.7   27.28     0.00

20 23  7 75      2.6  230.9   21.93     0.00

21 23  7 75      3.4  229.1   15.36     0.00

22 23  7 75      5.1  233.6   12.88     0.00

23 23  7 75      4.0  230.9   12.60     0.00
```

```
 RIO BLANCO OIL SHALE PROJECT  SITE  FOUR

                METEOROLOGICAL  DATA
HR DY MO YR      WS10  WDR10    AT10     PREC
++ ++ ++ ++     +--------------------------------+

 0 24  7 75      4.9  211.4    12.47     0.00

 1 24  7 75      4.3  230.4    10.41     0.00

 2 24  7 75      3.2  232.1     8.62     0.00

 3 24  7 75      4.5  226.8     8.48     0.00

 4 24  7 75      3.8  223.6     7.41     0.00

 5 24  7 75      3.1  239.9     6.77     0.00

 6 24  7 75      1.6  216.3     9.23     0.00

 7 24  7 75      3.1   44.9    14.27     0.00

 8 24  7 75      4.2   52.9    18.34     0.00

 9 24  7 75      4.1   66.1    21.91     0.00

10 24  7 75      5.6   58.0    24.04     0.00

11 24  7 75      5.3   97.2    26.13     0.00

12 24  7 75      7.4   11.5    27.26     0.00

13 24  7 75     10.4  307.0    28.19     0.00

14 24  7 75      6.4  259.9    28.60     0.00

15 24  7 75      6.1  260.8    29.10     0.00

16 24  7 75      6.1    0.4    29.85     0.00

17 24  7 75      7.5   14.5    29.90     0.00

18 24  7 75      8.0   15.3    29.12     0.00

19 24  7 75      5.4   24.4    28.23     0.00

20 24  7 75      4.1   60.5    25.31     0.00

21 24  7 75      2.5  237.4    20.05     0.00

22 24  7 75      3.8  212.5    16.23     0.00

23 24  7 75      6.5  194.3    15.33     0.00
```

```
 RIO BLANCO OIL SHALE PROJECT  SITE  FOUR

              METEOROLOGICAL DATA
HR DY MO YR     WS10  WDR10   AT10     PREC
++ ++ ++ ++   +--------------------------------+

 0 25  7 75      3.1  205.0   12.27     0.00

 1 25  7 75      3.1  209.5   10.25     0.00

 2 25  7 75      4.1  226.4    9.34     0.00

 3 25  7 75      4.4  228.2    7.92     0.00

 4 25  7 75      3.0  225.6    6.77     0.00

 5 25  7 75      3.3  232.0    6.35     0.00

 6 25  7 75      2.3  227.9    8.28     0.00

 7 25  7 75      0.8  221.4   14.99     0.00

 8 25  7 75      1.4   68.3   19.64     0.00

 9 25  7 75      1.6   70.4   22.79     0.00

10 25  7 75      2.5   27.1   23.25     0.00

11 25  7 75      7.3   64.2   25.61     0.00

12 25  7 75      8.0   68.5   26.68     0.00

13 25  7 75      5.7  253.8   27.84     0.00

14 25  7 75      7.2  276.4   29.21     0.00

15 25  7 75     10.7  333.6   29.13     0.00

16 25  7 75      8.1   70.3   28.99     0.00

17 25  7 75      6.3  157.3   28.55     0.00

18 25  7 75      9.3   84.5   27.23     0.00

19 25  7 75      3.6  107.7   26.34     0.00

20 25  7 75      3.1  210.9   20.68     0.00

21 25  7 75      3.7  204.6   17.69     0.00

22 25  7 75      5.3  221.3   15.54     0.00

23 25  7 75      3.3  235.9   12.43     0.00
```

```
RIO BLANCO OIL SHALE PROJECT  SITE  FOUR

              METEOROLOGICAL  DATA
HR  DY  MO  YR      WS10   WDR10    AT10      PREC
++  ++  ++  ++    +--------------------------------+

 0  26   7  75       3.4   234.5   10.19      0.00

 1  26   7  75       4.1   236.0    9.30      0.00

 2  26   7  75       3.4   225.5    8.24      0.00

 3  26   7  75       3.8   241.9    7.39      0.00

 4  26   7  75       4.2   233.3    6.89      0.00

 5  26   7  75       4.2   240.7    6.34      0.00

 6  26   7  75       3.1   237.0    8.10      0.00

 7  26   7  75       3.1   228.9    9.26      0.00

 8  26   7  75       2.8    39.9   15.37      0.00

 9  26   7  75       2.2   323.1   22.54      0.00

10  26   7  75       3.1    39.6   25.95      0.00

11  26   7  75       5.3     9.3   27.23      0.00

12  26   7  75       6.7    61.7   28.43      0.00

13  26   7  75       6.9    72.5   29.25      0.00

14  26   7  75       6.8    13.8   30.39      0.00

15  26   7  75       5.0    69.5   29.88      0.00

16  26   7  75      11.7   160.3   28.77      0.00

17  26   7  75       5.8   172.4   28.62      0.00

18  26   7  75       8.7    68.8   27.76      0.00

19  26   7  75       3.5    74.9   26.94      0.00

20  26   7  75       3.9   156.0   24.14      0.00

21  26   7  75       2.5   234.8   19.53      0.00

22  26   7  75       4.2   232.7   13.55      0.00

23  26   7  75       4.8   233.3   13.38      0.00
```

```
RIO BLANCO OIL SHALE PROJECT  SITE  FOUR

              METEOROLOGICAL  DATA
HR DY MO YR      WS10  WDR10   AT10     PREC
++ ++ ++ ++    +--------------------------------+

 0 27  7 75      3.1  228.8   11.32     0.00

 1 27  7 75      4.3  208.7   10.07     0.00

 2 27  7 75      4.1  222.8    9.43     0.00

 3 27  7 75      3.2  234.6    7.88     0.00

 4 27  7 75      5.1  237.2    6.51     0.00

 5 27  7 75      4.8  237.3    6.15     0.00

 6 27  7 75      3.4  230.0    6.97     0.00

 7 27  7 75      1.4  235.2   14.90     0.00

 8 27  7 75      3.3   53.8   19.63     0.00

 9 27  7 75      2.9   32.3   23.80     0.00

10 27  7 75      3.7   20.7   26.84     0.00

11 27  7 75      4.9  234.2   28.13     0.00

12 27  7 75      3.7  290.2   28.80     0.00

13 27  7 75      4.3  281.0   30.04     0.00

14 27  7 75      3.6  149.3   31.29     0.00

15 27  7 75      6.4  139.3   30.58     0.00

16 27  7 75      5.0  156.0   31.15     0.00

17 27  7 75      6.8  179.8   30.57     0.00

18 27  7 75      7.4  213.8   26.85     0.00

19 27  7 75      6.6  200.0   25.43     0.00

20 27  7 75      5.9  202.7   22.26     0.00

21 27  7 75      9.7  157.2   23.14     0.00

22 27  7 75      6.1  172.8   21.75     0.00

23 27  7 75      6.7  217.4   15.86     0.00
```

```
 RIO BLANCO OIL SHALE PROJECT  SITE  FOUR

           METEOROLOGICAL  DATA
HR DY MO YR    WS10  WDR10   AT10    PREC
++ ++ ++ ++   +-------------------------------+

 0 28  7 75     3.0  255.1   13.62    0.00

 1 28  7 75     3.1  207.0   12.80    0.00

 2 28  7 75     4.1  229.9   13.96    0.00

 3 28  7 75     1.8  194.6   14.89    0.00

 4 28  7 75     2.2  253.9   14.19    0.00

 5 28  7 75     2.0  158.0   13.13    0.00

 6 28  7 75     2.6  220.6   11.48    0.00

 7 28  7 75     3.8  226.0   14.22    0.00

 8 28  7 75     2.0  240.9   19.09    0.00

 9 28  7 75     3.8  210.5   25.32    0.00

10 28  7 75     3.9  122.9   27.88    0.00

11 28  7 75     5.3  261.4   27.45    0.00

12 28  7 75   999.0  999.0  999.00    0.00

13 28  7 75     7.6  104.4   23.94    0.00

14 28  7 75     8.4  306.0   23.97    0.00

15 28  7 75     5.9  182.9   27.19    0.00

16 28  7 75     6.1  169.2   26.05    0.00

17 28  7 75     5.0  154.3   28.00    0.00

18 28  7 75     3.7  111.6   27.72    0.00

19 28  7 75     2.9  209.2   25.08    0.00

20 28  7 75     5.9  223.2   21.47    0.00

21 28  7 75     2.6  205.2   19.92    0.00

22 28  7 75     5.1  223.2   21.47    0.00

23 28  7 75     4.9  243.0   16.22    0.00
```

```
 RIO BLANCO OIL SHALE PROJECT  SITE  FOUR

              METEOROLOGICAL  DATA
HR  DY  MO  YR     WS10  WDR10   AT10    PREC
++  ++  ++  ++    +------------------------------+

 0  29   7  75      3.1  245.5   15.78    0.00

 1  29   7  75      2.8  227.2   13.97    0.00

 2  29   7  75      4.3  226.5   12.40    0.00

 3  29   7  75      4.6  227.6   13.84    0.00

 4  29   7  75      1.6  294.5   13.18    0.00

 5  29   7  75      2.2  230.2   14.03    0.00

 6  29   7  75      1.2  215.7   14.46    0.00

 7  29   7  75      0.7  210.2   17.33    0.00

 8  29   7  75      3.6   45.1   18.49    0.00

 9  29   7  75      3.7  171.2   23.32    0.00

10  29   7  75      4.1  224.5   21.86    0.00

11  29   7  75      9.4  218.2   24.74    0.00

12  29   7  75     10.9  200.1   25.90    0.00

13  29   7  75      5.7  234.9   26.47    0.00

14  29   7  75     13.9  200.1   27.01    0.00

15  29   7  75     13.5  198.0   26.87    0.00

16  29   7  75     13.5  215.8   27.36    0.00

17  29   7  75     15.6  181.8   27.29    0.00

18  29   7  75     12.0  204.5   25.53    0.00

19  29   7  75      7.3  174.0   24.18    0.00

20  29   7  75     18.3  237.2   17.26    0.00

21  29   7  75      4.2  211.4   16.77    0.01

22  29   7  75      6.8  165.4   18.32    0.00

23  29   7  75      6.3  188.6   17.76    0.00
```

```
 RIO BLANCO OIL SHALE PROJECT  SITE  FOUR

              METEOROLOGICAL DATA
HR DY MO YR      WS10  WDR10   AT10    PREC
++ ++ ++ ++    +-----------------------------+

 0 30  7 75      6.9  215.9   16.94    0.00

 1 30  7 75      4.5  182.9   16.54    0.00

 2 30  7 75      7.1  203.5   16.53    0.00

 3 30  7 75      8.3  182.2   15.55    0.00

 4 30  7 75      2.1  208.0   13.58    0.00

 5 30  7 75      1.7  216.6   12.60    0.00

 6 30  7 75      3.8  216.7   12.31    0.00

 7 30  7 75      5.5  226.7   15.65    0.00

 8 30  7 75      8.1  213.1   15.28    0.00

 9 30  7 75      4.3  177.4   15.03    0.00

10 30  7 75    999.0  999.0  999.00  999.00

11 30  7 75      6.4  180.3   20.37    0.00

12 30  7 75      6.0  157.3   22.69    0.00

13 30  7 75      7.4  162.4   22.94    0.00

14 30  7 75      8.1  214.6   24.00    0.00

15 30  7 75      5.7  142.7   24.66    0.00

16 30  7 75      8.8  211.5   26.44    0.00

17 30  7 75     13.7  211.2   25.95    0.00

18 30  7 75     12.3  219.9   25.31    0.00

19 30  7 75      9.9  190.5   19.00    0.00

20 30  7 75      6.1  211.6   20.23    0.00

21 30  7 75      2.5  216.6   16.43    0.00

22 30  7 75      3.6  181.5   14.97    0.00

23 30  7 75      2.6  210.3   15.31    0.00
```

```
RIO BLANCO OIL SHALE PROJECT  SITE  FOUR

             METEOROLOGICAL  DATA
HR DY MO YR      WS10  WDR10    AT10      PREC
++ ++ ++ ++    +--------------------------------+

 0 31  7 75       4.4  238.0   11.72      0.04

 1 31  7 75       4.3  235.6   11.01      0.00

 2 31  7 75       3.8  234.7    9.25      0.00

 3 31  7 75       3.4  217.5   11.10      0.00

 4 31  7 75       2.0  224.5   10.13      0.00

 5 31  7 75       2.2  319.7   10.12      0.00

 6 31  7 75       2.9  221.2    9.65      0.00

 7 31  7 75       3.2  221.6   14.10      0.00

 8 31  7 75       3.2   59.9   18.03      0.00

 9 31  7 75       2.0  156.0   21.22      0.00

10 31  7 75       3.6  129.7   23.87      0.00

11 31  7 75       4.7  226.7   24.43      0.00

12 31  7 75      13.6  215.0   25.86      0.00

13 31  7 75      11.6  311.2   21.98      0.00

14 31  7 75      13.0  293.7   24.44      0.00

15 31  7 75      11.1  283.9   25.38      0.00

16 31  7 75      10.3  257.6   26.40      0.00

17 31  7 75      10.5  252.6   26.10      0.00

18 31  7 75       9.6  252.4   24.97      0.00

19 31  7 75       4.7  246.7   23.74      0.00

20 31  7 75       9.6  270.8   20.92      0.00

21 31  7 75      14.3  240.5   16.25      0.00

22 31  7 75       5.4  192.3   16.25      0.00

23 31  7 75       5.2  210.0   16.30      0.00
```

```
 RIO BLANCO OIL SHALE PROJECT  SITE   FOUR

             METEOROLOGICAL  DATA
HR DY MO YR     WS10  WDR10   AT10     PREC
++ ++ ++ ++    +------------------------------+

 0  1  8 75      5.6   39.8   14.91     0.00

 1  1  8 75      3.2  281.1   14.51     0.00

 2  1  8 75      1.2  229.3   13.19     0.00

 3  1  8 75      3.3  221.5   12.68     0.00

 4  1  8 75      3.5    8.4   13.87     0.00

 5  1  8 75      5.5  213.4   10.43     0.00

 6  1  8 75      2.0  208.0    9.23     0.00

 7  1  8 75      2.6  219.0   12.85     0.00

 8  1  8 75      2.8   70.2   17.00     0.00

 9  1  8 75      6.2   30.2   18.07     0.00

10  1  8 75      6.4   13.4   19.28     0.00

11  1  8 75      4.4   73.9   20.77     0.00

12  1  8 75      4.2  246.0   22.24     0.00

13  1  8 75      5.1   97.3   22.87     0.00

14  1  8 75      7.1  167.8   24.34     0.00

15  1  8 75      9.1  300.0   24.83     0.00

16  1  8 75      8.2  281.3   25.02     0.00

17  1  8 75      8.7  292.6   24.85     0.00

18  1  8 75      7.6  285.9   24.79     0.00

19  1  8 75      3.1  309.3   23.77     0.00

20  1  8 75      3.5  209.2   14.85     0.00

21  1  8 75      4.2  195.3   13.14     0.00

22  1  8 75      3.3  221.3   10.01     0.00

23  1  8 75      4.1  219.3    9.40     0.00
```

```
RIO BLANCO OIL SHALE PROJECT   SITE   FOUR

              METEOROLOGICAL  DATA
HR  DY  MO  YR      WS10   WDR10    AT10      PREC
++  ++  ++  ++    +-----------------------------------+

 0   2   8  75       2.9   233.8     6.74     0.00

 1   2   8  75       2.6   242.7     4.67     0.00

 2   2   8  75       2.6   229.3     4.68     0.00

 3   2   8  75       3.3   226.3     3.35     0.00

 4   2   8  75       3.7   244.5     0.70     0.00

 5   2   8  75       2.6   239.0     0.66     0.00

 6   2   8  75       2.9   238.5     1.32     0.00

 7   2   8  75       1.7    22.0    10.25     0.00

 8   2   8  75       2.3    70.5    15.91     0.00

 9   2   8  75       2.7    91.9    19.29     0.00

10   2   8  75       4.7    42.6    21.42     0.00

11   2   8  75       4.6    30.8    23.02     0.00

12   2   8  75       5.3    64.6    24.74     0.00

13   2   8  75       8.1   287.7    25.78     0.00

14   2   8  75       8.0   291.9    26.38     0.00

15   2   8  75      11.3   277.6    26.50     0.00

16   2   8  75      11.3   266.4    26.58     0.00

17   2   8  75      10.6   275.7    26.57     0.00

18   2   8  75      11.2   252.7    26.15     0.00

19   2   8  75       4.9   272.5    24.76     0.00

20   2   8  75       2.3   210.3    15.09     0.00

21   2   8  75       3.7   227.0    13.03     0.00

22   2   8  75       6.6   222.1    11.92     0.00

23   2   8  75       3.1   231.8     8.47     0.00
```

```
 RIO BLANCO OIL SHALE PROJECT  SITE  FOUR

              METEOROLOGICAL DATA
HR DY MO YR     WS10  WDR10   AT10    PREC
++ ++ ++ ++    +------------------------------+

 0  3  8 75      4.9  221.8    8.57    0.00

 1  3  8 75      2.9  237.8    7.03    0.00

 2  3  8 75      2.3  212.9    4.69    0.00

 3  3  8 75      3.6  229.5    3.20    0.00

 4  3  8 75      3.0  230.1    2.06    0.00

 5  3  8 75      4.5  220.6    1.91    0.00

 6  3  8 75      2.6  239.2    2.73    0.00

 7  3  8 75      1.8  228.0   10.42    0.00

 8  3  8 75      2.2   40.8   17.63    0.00

 9  3  8 75      3.2   27.4   21.10    0.00

10  3  8 75      4.4  100.7   23.53    0.00

11  3  8 75      4.9  117.6   25.32    0.00

12  3  8 75      8.3   50.8   25.76    0.00

13  3  8 75      5.4   54.3   26.64    0.00

14  3  8 75      8.6  328.4   27.55    0.00

15  3  8 75      7.3  290.3   27.99    0.00

16  3  8 75      4.8  229.4   28.13    0.00

17  3  8 75      5.2  285.0   28.23    0.00

18  3  8 75      5.2  316.6   27.91    0.00

19  3  8 75      3.4  309.9   26.16    0.00

20  3  8 75      6.9  207.0   18.23    0.00

21  3  8 75      3.8  213.9   13.47    0.00

22  3  8 75      3.4  190.9   11.05    0.00

23  3  8 75      5.5  228.1    8.98    0.00
```

```
. RIO BLANCO OIL SHALE PROJECT  SITE  FOUR

              METEOROLOGICAL DATA
HR DY MO YR     WS10  WDR10   AT10     PREC
++ ++ ++ ++    +--------------------------------+

 0  4  8 75     2.6  206.9    7.50     0.00

 1  4  8 75     3.6  211.9    5.11     0.00

 2  4  8 75     2.9  225.5    4.19     0.00

 3  4  8 75     3.2  235.9    2.48     0.00

 4  4  8 75     6.1  230.0    1.89     0.00

 5  4  8 75     4.8  230.4    2.90     0.00

 6  4  8 75     2.6  250.7    3.69     0.00

 7  4  8 75     1.7   93.1   11.58     0.00

 8  4  8 75     3.6   31.6   17.44     0.00

 9  4  8 75     3.2   40.5   21.39     0.00

10  4  8 75     5.7   47.3   24.87     0.00

11  4  8 75     3.7  261.0   28.49     0.00

12  4  8 75     9.7  266.3   28.97     0.00

13  4  8 75     8.9  287.4   29.58     0.00

14  4  8 75     9.5  309.0   30.27     0.00

15  4  8 75    10.7  316.6   30.46     0.00

16  4  8 75     5.6  341.6   30.80     0.00

17  4  8 75     7.2  357.5   30.66     0.00

18  4  8 75     5.2  323.5   30.47   999.00

19  4  8 75     1.7  329.4   27.28   999.00

20  4  8 75     3.9  214.9   18.10     0.00

21  4  8 75     5.8  229.9   15.31     0.00

22  4  8 75     3.8  225.2   14.07     0.00

23  4  8 75     4.6  218.8   11.11     0.00
```

```
 RIO BLANCO OIL SHALE PROJECT  SITE  FOUR

               METEOROLOGICAL DATA
HR DY MO YR      WS10  WDR10   AT10     PREC
++ ++ ++ ++     +-----------------------------+

 0  5  8 75      4.4  213.4    8.87     0.00

 1  5  8 75      6.3  233.6    6.69     0.00

 2  5  8 75      4.7  234.9    6.37     0.00

 3  5  8 75      3.9  241.5    5.57     0.00

 4  5  8 75      3.8  233.3    4.62     0.00

 5  5  8 75      4.6  234.2    4.34     0.00

 6  5  8 75      4.1  236.5    5.12     0.00

 7  5  8 75      4.0  237.6   12.91     0.00

 8  5  8 75      3.2   58.4   19.36     0.00

 9  5  8 75      2.9   49.1   25.03     0.00

10  5  8 75      4.5   35.3   29.55     0.00

11  5  8 75      4.8  212.6   31.03     0.00

12  5  8 75      3.7  140.3   31.48     0.00

13  5  8 75      3.2  340.0   31.53     0.00

14  5  8 75     10.0  232.6   32.15     0.00

15  5  8 75     11.5  214.7   32.06     0.00

16  5  8 75     12.6  232.7   31.88     0.00

17  5  8 75      6.4  216.9   31.50     0.00

18  5  8 75      8.9  229.3   30.56     0.00

19  5  8 75      3.9  203.9   28.25     0.00

20  5  8 75      5.7  205.5   21.84     0.00

21  5  8 75      3.9  231.9   15.98     0.00

22  5  8 75      1.5  174.2   15.11     0.00

23  5  8 75      4.8  229.4   12.67     0.00
```

```
RIO BLANCO OIL SHALE PROJECT  SITE  FOUR

                METEOROLOGICAL  DATA
HR DY MO YR      WS10  WDR10   AT10     PREC
++ ++ ++ ++     +-----------------------------+

 0  6  8 75      4.6  247.9   11.31     0.00

 1  6  8 75      3.6  247.6    9.96     0.00

 2  6  8 75      5.1  232.4    8.96     0.00

 3  6  8 75      5.5  238.6    8.85     0.00

 4  6  8 75      3.3  228.9    8.21     0.00

 5  6  8 75      3.9  230.2    7.41     0.00

 6  6  8 75      3.4  235.7    8.12     0.00

 7  6  8 75      1.8   67.0   13.31     0.00

 8  6  8 75      5.0   58.0   18.24     0.00

 9  6  8 75      3.6   41.9   23.71     0.00

10  6  8 75      4.5  349.9   30.40     0.00

11  6  8 75      6.5  309.5   30.32     0.00

12  6  8 75      7.5  189.9   29.48     0.00

13  6  8 75     13.9  204.6   29.40     0.00

14  6  8 75     13.6  256.5   28.93     0.00

15  6  8 75     10.1  236.0   30.72     0.00

16  6  8 75     11.4  219.7   30.62     0.00

17  6  8 75      6.9  213.4   30.91     0.00

18  6  8 75      9.4  279.0   30.62     0.00

19  6  8 75      9.3  231.6   27.94     0.00

20  6  8 75      8.1  197.8   24.64     0.00

21  6  8 75      3.7  218.5   21.41     0.00

22  6  8 75      4.7  215.8   20.14     0.00

23  6  8 75      3.7  220.8   15.95     0.00
```

```
 RIO BLANCO OIL SHALE PROJECT  SITE  FOUR

              METEOROLOGICAL DATA
HR DY MO YR      WS10  WDR10   AT10     PREC
++ ++ ++ ++    +-------------------------------+

 0  7  8 75      2.0  219.8   14.57     0.00

 1  7  8 75      3.7  225.4   11.86     0.00

 2  7  8 75      3.7  231.2    9.82     0.00

 3  7  8 75      3.8  227.2   10.45     0.00

 4  7  8 75      4.4  238.7    9.40     0.00

 5  7  8 75      4.0  239.8    9.22     0.00

 6  7  8 75      3.0  234.8   11.65     0.00

 7  7  8 75      2.2  211.7   19.73     0.00

 8  7  8 75     15.7  219.7   26.58     0.00

 9  7  8 75     16.1  225.8   28.24     0.00

10  7  8 75     15.5  223.4   28.93     0.00

11  7  8 75     15.6  212.1   29.43     0.00

12  7  8 75     17.7  211.7   30.17     0.00

13  7  8 75     16.6  232.2   30.66     0.00

14  7  8 75     13.4  216.5   30.35     0.00

15  7  8 75     15.4  215.3   31.64     0.00

16  7  8 75      9.0  216.0   32.03     0.00

17  7  8 75     11.8  261.5   30.30     0.00

18  7  8 75     10.0  171.4   28.13     0.00

19  7  8 75      8.6  205.8   26.60     0.00

20  7  8 75      9.0  196.9   24.58     0.00

21  7  8 75      5.8  237.8   21.40     0.00

22  7  8 75      1.8  156.4   19.08     0.00

23  7  8 75      3.7  222.0   14.19     0.00
```

```
    RIO BLANCO OIL SHALE PROJECT  SITE  FOUR

                 METEOROLOGICAL DATA
   HR DY MO YR      WS10  WDR10   AT10     PREC
   ++ ++ ++ ++    +-------------------------------+

    0  8  8 75       3.7  218.0   12.64     0.00

    1  8  8 75       4.7  242.0   10.11     0.00

    2  8  8 75       5.5  240.7    8.20     0.00

    3  8  8 75       5.3  237.1    6.39     0.00

    4  8  8 75       3.9  240.9    5.55     0.00

    5  8  8 75       3.3  219.7    4.53     0.00

    6  8  8 75       3.3  237.2    3.99     0.00

    7  8  8 75       1.4   78.5   12.99     0.00

    8  8  8 75       4.9   59.3   17.36     0.00

    9  8  8 75       4.2   33.2   21.51     0.00

   10  8  8 75       3.1  336.8   24.48     0.00

   11  8  8 75       4.4   82.1   27.21     0.00

   12  8  8 75       7.4  247.7   29.16     0.00

   13  8  8 75       9.3  259.6   29.52     0.00

   14  8  8 75       8.8  266.0   30.01     0.00

   15  8  8 75       9.5  290.2   30.43     0.00

   16  8  8 75       9.0  310.1   30.30     0.00

   17  8  8 75       9.1  301.1   30.18     0.00

   18  8  8 75       9.3  296.7   30.24     0.00

   19  8  8 75       4.2  316.6   28.11     0.00

   20  8  8 75       4.5  212.4    8.21     0.00

   21  8  8 75       4.6  220.4   15.87     0.00

   22  8  8 75       5.6  228.8   12.28     0.00

   23  8  8 75       3.7  238.4   11.43     0.00
```

RIO BLANCO OIL SHALE PROJECT SITE FOUR

METEOROLOGICAL DATA

HR	DY	MO	YR	WS10	WDR10	AT10	PREC
0	9	8	75	3.2	223.5	10.21	0.00
1	9	8	75	3.6	232.5	8.77	0.00
2	9	8	75	4.6	223.3	9.61	0.00
3	9	8	75	3.8	240.4	8.70	0.00
4	9	8	75	2.3	202.7	5.82	0.00
5	9	8	75	3.0	231.8	3.81	0.00
6	9	8	75	3.2	229.6	5.03	0.00
7	9	8	75	2.3	237.5	12.88	0.00
8	9	8	75	3.4	42.7	18.39	0.00
9	9	8	75	2.1	358.8	23.56	0.00
10	9	8	75	4.8	39.8	25.62	0.00
11	9	8	75	3.8	62.2	27.68	0.00
12	9	8	75	5.9	105.1	29.09	0.00
13	9	8	75	6.3	43.9	30.56	0.00
14	9	8	75	9.1	334.8	31.08	0.00
15	9	8	75	7.1	248.6	31.35	0.00
16	9	8	75	6.2	304.5	31.54	0.00
17	9	8	75	7.2	323.6	31.22	0.00
18	9	8	75	8.9	356.2	30.42	0.00
19	9	8	75	2.2	312.7	26.45	0.00
20	9	8	75	4.6	214.6	18.73	0.00
21	9	8	75	4.3	219.4	17.42	0.00
22	9	8	75	4.0	220.4	16.05	0.00
23	9	8	75	4.4	218.4	14.46	0.00

```
RIO BLANCO OIL SHALE PROJECT  SITE  FOUR

              METEOROLOGICAL DATA
HR DY MO YR     WS10  WDR10    AT10     PREC
++ ++ ++ ++    +--------------------------------+

 0 10  8 75      3.9  225.5   12.39     0.00

 1 10  8 75      3.0  231.2    9.89     0.00

 2 10  8 75      2.0  211.7    8.00     0.00

 3 10  8 75      3.4  224.6    7.17     0.00

 4 10  8 75      3.4  217.4    7.65     0.00

 5 10  8 75      2.9  226.0    6.05     0.00

 6 10  8 75      3.7  238.3    7.24     0.00

 7 10  8 75      3.1   52.3   11.95     0.00

 8 10  8 75      2.5   73.0   19.75     0.00

 9 10  8 75      3.1   30.4   25.12     0.00

10 10  8 75      3.2   85.5   29.58     0.00

11 10  8 75      7.4  202.5   30.29     0.00

12 10  8 75      7.3  293.4   30.24     0.00

13 10  8 75      7.5  152.4   29.23     0.00

14 10  8 75     10.5  176.4   27.33     0.00

15 10  8 75     12.6  204.3   26.73     0.00

16 10  8 75     11.9  147.8   25.79     0.00

17 10  8 75     11.1  152.3   25.35     0.00

18 10  8 75      3.2  115.4   25.09     0.00

19 10  8 75      3.5  112.1   24.04     0.00

20 10  8 75      8.0  186.0   23.33     0.00

21 10  8 75      4.9  227.8   20.34     0.00

22 10  8 75      4.4  206.7   19.15     0.00

23 10  8 75      4.9  209.8   18.12     0.00
```

```
 RIO BLANCO OIL SHALE PROJECT  SITE  FOUR

                METEOROLOGICAL DATA
HR DY MO YR      WS10  WDR10    AT10     PREC
++ ++ ++ ++     +-------------------------------+

 0 11  8 75      1.2  319.4    16.24     0.00

 1 11  8 75      4.9  224.4    18.30     0.00

 2 11  8 75      4.0   19.1    18.60     0.00

 3 11  8 75      2.5  202.2    17.50     0.00

 4 11  8 75      5.9  218.8    17.46     0.00

 5 11  8 75      2.2  229.4    16.35     0.00

 6 11  8 75      2.4    1.7    15.49     0.00

 7 11  8 75      3.9   40.2    19.60     0.00

 8 11  8 75      2.0   57.6    24.96     0.00

 9 11  8 75      4.9  238.0    25.23     0.00

10 11  8 75      9.1  270.0    24.94     0.00

11 11  8 75      8.0  311.3    25.48     0.00

12 11  8 75      8.8  291.3    25.32     0.00

13 11  8 75      6.0  189.8    24.82     0.00

14 11  8 75     13.5  181.4    23.48     0.00

15 11  8 75     13.5  163.8    23.74     0.00

16 11  8 75     10.4  160.6    23.83     0.00

17 11  8 75      9.0  157.8    24.48     0.00

18 11  8 75      4.1  157.1    23.77     0.00

19 11  8 75      2.6  221.8    21.87     0.00

20 11  8 75     11.9  311.2    17.20     0.00

21 11  8 75      4.7    5.3    16.15     0.00

22 11  8 75      4.4   93.7    15.04     0.00

23 11  8 75      4.2  197.1    14.37     0.00
```

```
RIO BLANCO OIL SHALE PROJECT   SITE   FOUR

            METEOROLOGICAL DATA
HR DY MO YR      WS10  WDR10    AT10     PREC
++ ++ ++ ++    +---------------------------------+

 0 12  8 75      2.2  202.9   11.98    0.00
 1 12  8 75      5.1  213.8   11.01    0.00
 2 12  8 75      3.3  219.9    9.24    0.00
 3 12  8 75      2.0  223.2    7.77    0.00
 4 12  8 75      3.7  230.0    6.23    0.00
 5 12  8 75      3.8  233.8    5.05    0.00
 6 12  8 75      3.4  242.7    5.49    0.00
 7 12  8 75      1.2  333.3   12.28    0.00
 8 12  8 75      5.8   38.3   15.90    0.00
 9 12  8 75      3.8   37.5   19.05    0.00
10 12  8 75      3.5   40.6   22.25    0.00
11 12  8 75      4.6   85.2   24.33    0.00
12 12  8 75      7.1   13.9   25.47    0.00
13 12  8 75      6.8  345.9   26.15    0.00
14 12  8 75      4.3  313.6   26.33    0.00
15 12  8 75      2.7  239.1   26.57    0.00
16 12  8 75      8.3  283.0   25.19    0.00
17 12  8 75     12.4  329.4   22.41    0.00
18 12  8 75      6.1    4.1   20.73    0.00
19 12  8 75      4.3   66.3   19.27    0.00
20 12  8 75      3.1  344.4   18.66    0.00
21 12  8 75      5.8  209.3   18.13    0.00
22 12  8 75      6.2  216.7   16.46    0.00
23 12  8 75      2.2  200.7   15.05    0.00
```

```
 RIO BLANCO OIL SHALE PROJECT  SITE  FOUR

               METEOROLOGICAL DATA
HR DY MO YR      WS10  WDR10   AT10     PREC
++ ++ ++ ++     +-----------------------------+

 0 13  8 75      2.0  226.8   13.22     0.00

 1 13  8 75      2.9  216.3   12.37     0.00

 2 13  8 75      2.9  209.7   10.55     0.00

 3 13  8 75      3.3  222.0    9.10     0.00

 4 13  8 75      4.0  233.5    7.39     0.00

 5 13  8 75      3.9  239.3    5.97     0.00

 6 13  8 75      2.3  244.1    7.43     0.00

 7 13  8 75      1.2  205.6    9.25     0.00

 8 13  8 75      1.5  358.6   16.27     0.00

 9 13  8 75      1.7   71.8   17.94     0.00

10 13  8 75      3.8   48.4   21.06     0.00

11 13  8 75      5.7   20.9   23.70     0.00

12 13  8 75      6.6  321.2   23.77     0.00

13 13  8 75      8.2  234.4   22.99     0.00

14 13  8 75      7.9  120.3   23.69     0.00

15 13  8 75      7.6  265.6   24.70     0.00

16 13  8 75     11.5  357.6   22.91     0.00

17 13  8 75     17.5  249.8   19.80     0.00

18 13  8 75     15.4  245.2   16.83     0.00

19 13  8 75      5.3  279.0   19.52     0.00

20 13  8 75      3.2  218.1   16.39     0.00

21 13  8 75      4.5  200.9   13.66     0.00

22 13  8 75      2.7  222.4   11.86     0.00

23 13  8 75      4.2  199.9   10.06     0.00
```

```
RIO BLANCO OIL SHALE PROJECT  SITE  FOUR

            METEOROLOGICAL DATA
HR DY MO YR     WS10  WDR10    AT10     PREC
++ ++ ++ ++    +-------------------------------+

 0 14  8 75     3.5  236.6     8.56     0.00

 1 14  8 75     4.5  237.1     7.71     0.00

 2 14  8 75     3.9  236.2     6.60     0.00

 3 14  8 75     4.5  233.3     5.94     0.00

 4 14  8 75     4.0  240.8     5.76     0.00

 5 14  8 75     5.7  232.2     7.71     0.00

 6 14  8 75     5.3  225.8     8.36     0.00

 7 14  8 75     4.1  235.9    12.81     0.00

 8 14  8 75     2.7  236.6    17.37     0.00

 9 14  8 75     3.9  172.5    21.44     0.00

10 14  8 75     8.5  235.9    23.87     0.00

11 14  8 75     7.0  265.2    24.03     0.00

12 14  8 75    15.3  263.9    24.90     0.00

13 14  8 75   999.0  999.0   999.00     0.00

14 14  8 75   999.0  999.0   999.00     0.00

15 14  8 75   999.0  999.0   999.00     0.00

16 14  8 75   999.0  999.0   999.00     0.00

17 14  8 75   999.0  999.0   999.00     0.00

18 14  8 75   999.0  999.0   999.00     0.00

19 14  8 75   999.0  999.0   999.00     0.00

20 14  8 75     3.9  203.7    13.63     0.00

21 14  8 75     2.6  212.4    12.12     0.00

22 14  8 75     3.0  117.3    11.17     0.00

23 14  8 75     2.9  180.0     9.51     0.00
```

```
RIO BLANCO OIL SHALE PROJECT  SITE  FOUR

            METEOROLOGICAL  DATA
HR DY MO YR      WS10  WDR10    AT10     PREC
++ ++ ++ ++    +-----------------------------------+

 0 15  8 75      3.8  223.3     7.44     0.00

 1 15  8 75      2.0  162.0     6.78     0.00

 2 15  8 75      3.5  217.4     6.49     0.00

 3 15  8 75      2.6  234.0     5.32     0.00

 4 15  8 75      3.1  235.7     5.26     0.00

 5 15  8 75      2.8  231.9     3.53     0.00

 6 15  8 75      3.2  235.5     3.60     0.00

 7 15  8 75      4.0  239.6     8.55     0.00

 8 15  8 75      1.0  330.0    15.74     0.00

 9 15  8 75      1.9   82.8    17.57     0.00

10 15  8 75      3.8   57.6    20.39     0.00

11 15  8 75      6.0  273.6    23.98     0.00

12 15  8 75     11.9  286.6    24.53     0.00

13 15  8 75     12.5  277.2    23.01     0.00

14 15  8 75     13.1  999.0    23.60     0.00

15 15  8 75     13.2  999.0    24.84     0.00

16 15  8 75     16.1  999.0    24.67     0.00

17 15  8 75      8.2  999.0    25.52     0.00

18 15  8 75      6.0  999.0    25.01     0.00

19 15  8 75      2.6  999.0    20.48     0.00

20 15  8 75      2.2  208.3    16.47     0.00

21 15  8 75      3.7  224.2    13.18     0.00

22 15  8 75      2.5  229.0    13.23     0.00

23 15  8 75      3.2  219.3    12.04     0.00
```

```
RIO BLANCO OIL SHALE PROJECT  SITE  FOUR

              METEOROLOGICAL  DATA
HR DY MO YR     WS10  WDR10   AT10     PREC
++ ++ ++ ++    +---------------------------------+

 0 16  8 75      3.7  209.8    9.76     0.00

 1 16  8 75      4.3  204.0    9.88     0.00

 2 16  8 75      4.6  215.6    8.37     0.00

 3 16  8 75      4.1  223.6    5.31     0.00

 4 16  8 75      3.9  220.7    5.07     0.00

 5 16  8 75      2.1  189.5    5.87     0.00

 6 16  8 75      3.7  224.1    7.75     0.00

 7 16  8 75      3.7  325.0   11.83     0.00

 8 16  8 75      1.5  215.5   14.64     0.00

 9 16  8 75      4.5   48.0   17.27     0.00

10 16  8 75      3.9   39.5   21.29     0.00

11 16  8 75      5.9   50.7   24.55     0.00

12 16  8 75      5.3  287.9   25.49     0.00

13 16  8 75      7.6  296.4   25.63     0.00

14 16  8 75     11.2  298.6   23.72     0.00

15 16  8 75      9.7  291.0   24.24     0.00

16 16  8 75      8.3  272.1   24.20     0.00

17 16  8 75     10.6  235.4   25.83     0.00

18 16  8 75      9.4  197.9   24.29     0.00

19 16  8 75      8.3  136.7   21.71     0.00

20 16  8 75      8.4  214.1   17.38     0.00

21 16  8 75      5.2  215.8   13.56     0.00

22 16  8 75      3.2  194.6   13.22     0.00

23 16  8 75      6.3  226.0   11.17     0.00
```

```
RIO BLANCO OIL SHALE PROJECT  SITE  FOUR

               METEOROLOGICAL  DATA
HR DY MO YR        WS10  WDR10    AT10      PREC
++ ++ ++ ++     +------------------------------+

 0 17  8 75       5.5  230.8      9.90      0.00

 1 17  8 75       3.3  229.3      8.38      0.00

 2 17  8 75       4.9  222.8      7.08      0.00

 3 17  8 75       4.9  236.8      5.65      0.00

 4 17  8 75       4.4  229.5      5.56      0.00

 5 17  8 75       5.1  239.4      4.56      0.00

 6 17  8 75       4.8  242.3      3.93      0.00

 7 17  8 75       3.3  225.3     11.00      0.00

 8 17  8 75       4.4   49.1     17.72      0.00

 9 17  8 75       3.6  135.8     24.07      0.00

10 17  8 75       9.1  247.7     24.67      0.00

11 17  8 75       9.3  242.9     25.80      0.00

12 17  8 75       9.1  232.7     26.66      0.00

13 17  8 75      12.8  218.2     27.32      0.00

14 17  8 75      12.4  194.9     27.05      0.00

15 17  8 75      12.3  217.9     27.72      0.00

16 17  8 75       9.7  224.8     27.96      0.00

17 17  8 75      11.9  198.5     27.88      0.00

18 17  8 75      12.5  216.2     27.08      0.00

19 17  8 75       5.4  212.3     25.01      0.00

20 17  8 75       3.9  227.2     17.30      0.00

21 17  8 75       3.3  223.5     15.11      0.00

22 17  8 75       3.0  226.6     13.02      0.00

23 17  8 75       5.2  235.1      9.77      0.00
```

```
. RIO BLANCO OIL SHALE PROJECT  SITE  FOUR

                METEOROLOGICAL  DATA
HR DY MO YR      WS10  WDR10    AT10     PREC
++ ++ ++ ++     +------------------------------+

 0 18  8 75       4.0  227.2    9.81     0.00

 1 18  8 75       5.6  228.3    6.95     0.00

 2 18  8 75       4.8  237.7    6.49     0.00

 3 18  8 75       5.7  246.3    5.52     0.00

 4 18  8 75       4.6  228.3    5.44     0.00

 5 18  8 75       3.7  231.9    4.17     0.00

 6 18  8 75       4.4  231.7    3.99     0.00

 7 18  8 75       2.7  227.8   11.20     0.00

 8 18  8 75       7.8  173.9   22.99     0.00

 9 18  8 75      13.2  187.1   24.62     0.00

10 18  8 75      12.6  190.3   26.29     0.00

11 18  8 75      16.3  195.3   26.98     0.00

12 18  8 75      15.5  219.2   26.54     0.00

13 18  8 75      14.5  203.7   27.23     0.00

14 18  8 75      16.6  206.8   28.16     0.00

15 18  8 75      14.9  206.8   28.83     0.00

16 18  8 75      15.3  210.1   28.73     0.00

17 18  8 75      12.6  205.1   28.49     0.00

18 18  8 75      13.6  206.6   27.86     0.00

19 18  8 75       3.0  210.6   25.15     0.00

20 18  8 75       5.7  199.3   18.13     0.00

21 18  8 75       5.4  199.8   15.21     0.00

22 18  8 75       2.7  344.7   11.04     0.00

23 18  8 75       3.7  231.4    9.65     0.00
```

```
 RIO BLANCO OIL SHALE PROJECT  SITE  FOUR

                METEOROLOGICAL DATA
HR DY MO YR      WS10  WDR10    AT10     PREC
++ ++ ++ ++    +------------------------------+

 0 19  8 75      5.5  234.1     6.19     0.00

 1 19  8 75      6.8  238.1     4.29     0.00

 2 19  8 75      4.7  242.3     5.08     0.00

 3 19  8 75      5.2  242.3     3.52     0.00

 4 19  8 75      5.6  233.0     3.37     0.00

 5 19  8 75      4.6  235.6     3.56     0.00

 6 19  8 75      7.4  222.2     8.31     0.00

 7 19  8 75      6.4  222.0    13.69     0.00

 8 19  8 75     12.8  176.8    20.91     0.00

 9 19  8 75     12.1  192.3    23.08     0.00

10 19  8 75     17.0  222.4    23.81     0.00

11 19  8 75     16.3  229.8    24.88   999.00

12 19  8 75     13.7  230.3    25.24     0.01

13 19  8 75     16.7  209.9    26.24     0.00

14 19  8 75     17.6  236.0    26.64     0.00

15 19  8 75     16.0  222.4    26.26     0.00

16 19  8 75     15.5  207.3    26.56     0.00

17 19  8 75     14.4  204.7    25.52     0.00

18 19  8 75     11.2  197.6    24.84     0.00

19 19  8 75      5.1  194.7    23.57     0.00

20 19  8 75      5.3  181.4    21.69     0.00

21 19  8 75      3.5  230.9    19.95     0.00

22 19  8 75      2.7  215.5    15.85     0.00

23 19  8 75      3.9  211.4    15.93     0.00
```

```
 RIO BLANCO OIL SHALE PROJECT  SITE  FOUR

             METEOROLOGICAL  DATA
HR DY MO YR     WS10  WDR10   AT10    PREC
++ ++ ++ ++   +-------------------------------+

 0 20  8 75      3.4  205.6   15.57    0.00

 1 20  8 75      3.4  203.3   13.96    0.00

 2 20  8 75      2.1  234.7   12.92    0.00

 3 20  8 75      3.9  215.9   12.70    0.00

 4 20  8 75      2.9  234.9   12.15    0.00

 5 20  8 75      3.2  223.0   11.75    0.00

 6 20  8 75      1.0  289.5   11.51    0.00

 7 20  8 75      3.9  216.5   13.97    0.00

 8 20  8 75      2.0  248.4   16.37    0.00

 9 20  8 75      4.0   35.9   18.01    0.00

10 20  8 75      3.7  106.1   21.28    0.00

11 20  8 75      7.4  203.8   24.12    0.00

12 20  8 75      3.2   90.0   24.09    0.00

13 20  8 75      6.3  266.7   23.48    0.00

14 20  8 75      5.6  317.2   23.30    0.00

15 20  8 75      5.9   68.8   22.22    0.00

16 20  8 75      3.7   29.5   23.27    0.00

17 20  8 75      3.4   45.3   23.57    0.00

18 20  8 75      5.9  184.5   23.34    0.00

19 20  8 75      5.5  252.3   22.01    0.00

20 20  8 75      9.8  249.0   20.83    0.00

21 20  8 75      8.5  231.8   18.68    0.00

22 20  8 75      5.4  263.2   17.51    0.00

23 20  8 75      4.2  275.6   16.62    0.00
```

```
  RIO BLANCO OIL SHALE PROJECT  SITE   FOUR

              METEOROLOGICAL  DATA
HR DY MO YR      WS10  WDR10    AT10      PREC
++ ++ ++ ++     +-------------------------------+

 0 21  8 75       4.6  218.3   14.36      0.00
 1 21  8 75       3.5  188.8   14.00      0.00
 2 21  8 75       1.9  230.7   12.87      0.00
 3 21  8 75       2.0  223.4   12.98      0.00
 4 21  8 75       2.4  231.2   12.60      0.00
 5 21  8 75       1.7  197.8   12.29      0.00
 6 21  8 75       2.2  220.5   12.77      0.00
 7 21  8 75       2.6  228.2   13.26      0.00
 8 21  8 75       2.9  223.8   15.90      0.00
 9 21  8 75       3.0  283.3   19.22      0.00
10 21  8 75       8.1  180.9   21.10      0.00
11 21  8 75       9.0  191.1   22.25      0.00
12 21  8 75      12.8  234.7   22.78      0.00
13 21  8 75      12.3  234.6   22.80      0.00
14 21  8 75      15.6  228.0   21.18      0.00
15 21  8 75       7.6  194.0   19.64      0.00
16 21  8 75       8.5  165.5   21.39      0.00
17 21  8 75      10.2  172.4   21.26      0.00
18 21  8 75       9.4  194.9   21.94      0.00
19 21  8 75     999.0  999.0  999.00      0.00
20 21  8 75       6.5  212.2   17.04    999.00
21 21  8 75       5.7  222.4   12.02      0.00
22 21  8 75       8.5  221.7   11.97      0.00
23 21  8 75       3.8  232.1    9.47      0.00
```

```
  RIO BLANCO OIL SHALE PROJECT  SITE  FOUR

                METEOROLOGICAL DATA
HR DY MO YR     WS10  WDR10    AT10     PREC
++ ++ ++ ++    +-----------------------------+

 0 22  8 75      5.2  228.6    9.17     0.00

 1 22  8 75      4.3  219.0    8.30     0.00

 2 22  8 75      3.1  227.8    7.50     0.00

 3 22  8 75      2.3  230.4    7.20     0.00

 4 22  8 75      2.6  243.0    7.52     0.00

 5 22  8 75      3.0  226.6    5.64     0.00

 6 22  8 75      2.5  201.3    5.68     0.00

 7 22  8 75      2.0   19.0    7.89     0.00

 8 22  8 75      5.9  123.7   16.91     0.00

 9 22  8 75      8.0  166.5   20.62     0.00

10 22  8 75     13.8  201.4   22.70     0.00

11 22  8 75     17.6  230.6   23.27     0.00

12 22  8 75     14.9  294.9   21.23     0.00

13 22  8 75     11.5  285.6   22.32     0.00

14 22  8 75     19.2  252.5   22.66     0.00

15 22  8 75     15.4  221.6   23.18     0.00

16 22  8 75     13.7  219.1   24.45     0.00

17 22  8 75     10.5  230.4   24.14     0.00

18 22  8 75      8.7  234.0   23.25   999.00

19 22  8 75      5.4  203.8   20.90     0.03

20 22  8 75      4.7  219.8   17.14     0.00

21 22  8 75      2.9  230.1   14.05     0.00

22 22  8 75      2.6  224.6   11.34     0.00

23 22  8 75      4.3  230.5    9.72     0.00
```

```
  RIO BLANCO OIL SHALE PROJECT  SITE  FOUR

                 METEOROLOGICAL  DATA
 HR DY MO YR      WS10  WDR10    AT10     PREC
 ++ ++ ++ ++     +-------------------------------+

  0 23  8 75      3.1  236.2     8.73     0.00

  1 23  8 75      4.0  234.9     9.87     0.00

  2 23  8 75      3.2  191.8    10.58     0.00

  3 23  8 75      3.3  222.0     9.48     0.00

  4 23  8 75      4.7  229.2     7.38     0.00

  5 23  8 75      4.9  228.9     6.17     0.00

  6 23  8 75      4.1  234.2     4.40     0.00

  7 23  8 75      2.6  208.5    11.40     0.00

  8 23  8 75      3.1  177.4    19.91     0.00

  9 23  8 75     12.2  233.7    23.37     0.00

 10 23  8 75     16.2  230.9    24.00     0.00

 11 23  8 75     19.6  208.3    25.64     0.00

 12 23  8 75     13.1  280.9    23.50     0.00

 13 23  8 75     15.6  265.1    23.37     0.00

 14 23  8 75     13.0  250.4    25.87     0.00

 15 23  8 75     19.1  212.9    26.96     0.00

 16 23  8 75     17.1  225.1    27.35     0.00

 17 23  8 75     17.9  218.8    26.73     0.00

 18 23  8 75     14.4  218.4    26.15     0.00

 19 23  8 75      7.9  206.1    24.42     0.00

 20 23  8 75      5.6  220.3    19.91     0.00

 21 23  8 75      5.6  242.2    14.16     0.00

 22 23  8 75      2.9  251.8    16.33     0.00

 23 23  8 75      1.4  143.9    13.48     0.00
 RIO BLANCO OIL SHALE PROJECT  SITE  FOUR

              METEOROLOGICAL  DATA
HR DY MO YR      WS10  WDR10   AT10     PREC
++ ++ ++ ++     +-------------------------------+

 0 24  8 75      3.4  221.2   11.60     0.00

 1 24  8 75      5.2  218.7   12.92     0.00

 2 24  8 75      4.3  224.9   11.70     0.00

 3 24  8 75      3.1   39.8    9.59     0.00

 4 24  8 75      1.9  356.7    8.61     0.00

 5 24  8 75      7.1  204.8   10.81     0.00

 6 24  8 75      3.1  347.0    9.74     0.00

 7 24  8 75      8.6  193.8   14.91     0.00

 8 24  8 75      9.3  214.2   21.44     0.00

 9 24  8 75     13.1  247.0   22.90     0.00

10 24  8 75     13.7  282.9   23.17     0.00

11 24  8 75     12.7  292.0   23.24     0.00

12 24  8 75      4.5  355.8  999.00     0.00

13 24  8 75      1.8  160.3  999.00     0.00

14 24  8 75     11.0   51.8  999.00     0.00

15 24  8 75     15.6  288.3  999.00     0.00

16 24  8 75     13.6  279.9  999.00     0.00

17 24  8 75     14.0  288.2  999.00     0.00

18 24  8 75     10.4  293.6  999.00     0.00

19 24  8 75      5.2  299.9  999.00     0.00

20 24  8 75      2.6  310.4  999.00     0.00

21 24  8 75      5.0  319.9  999.00     0.00

22 24  8 75      1.8  232.1  999.00     0.00

23 24  8 75      4.6  234.9  999.00     0.00
```

```
RIO BLANCO OIL SHALE PROJECT  SITE  FOUR

              METEOROLOGICAL  DATA
HR DY MO YR      WS10  WDR10   AT10     PREC
++ ++ ++ ++     +--------------------------------+

 0 25  8 75       4.2  243.6  999.00     0.00

 1 25  8 75       5.0  244.5  999.00     0.00

 2 25  8 75       4.0  224.0  999.00     0.00

 3 25  8 75       5.1  219.5  999.00     0.00

 4 25  8 75       3.1  230.0  999.00     0.00

 5 25  8 75       3.4  244.9  999.00     0.00

 6 25  8 75       2.9  241.7  999.00     0.00

 7 25  8 75       0.7  240.2  999.00     0.00

 8 25  8 75       3.4   54.1  999.00     0.00

 9 25  8 75       1.8   74.9  999.00     0.00

10 25  8 75       5.1   64.7  999.00     0.00

11 25  8 75      11.6  251.2  999.00     0.00

12 25  8 75      12.5  250.6  999.00     0.00

13 25  8 75       9.8  265.5  999.00     0.00

14 25  8 75      10.9  238.5  999.00     0.00

15 25  8 75       9.3  257.0  999.00     0.00

16 25  8 75       7.8  277.1  999.00     0.00

17 25  8 75       9.8  290.9  999.00     0.00

18 25  8 75       6.9  279.3  999.00     0.00

19 25  8 75       2.7  300.4  999.00     0.00

20 25  8 75       3.1  216.6  999.00     0.00

21 25  8 75       3.4  222.5  999.00     0.00

22 25  8 75       2.1  280.7  999.00     0.00

23 25  8 75       3.3  196.1  999.00     0.00
```

```
 RIO BLANCO OIL SHALE PROJECT  SITE  FOUR

               METEOROLOGICAL  DATA
HR DY MO YR      WS10  WDR10   AT10     PREC
++ ++ ++ ++     +-------------------------------+

 0 26  8 75       3.8  207.7  999.00     0.00

 1 26  8 75       2.5  217.0  999.00     0.00

 2 26  8 75       3.4  229.9  999.00     0.00

 3 26  8 75       5.1  238.4  999.00     0.00

 4 26  8 75       3.9  226.5  999.00     0.00

 5 26  8 75       3.4  233.5  999.00     0.00

 6 26  8 75       3.7  240.2  999.00     0.00

 7 26  8 75       1.0   74.5  999.00     0.00

 8 26  8 75       2.8   72.8  999.00     0.00

 9 26  8 75       3.4  327.3  999.00     0.00

10 26  8 75       3.4   41.7  999.00     0.00

11 26  8 75       6.7  133.8  999.00     0.00

12 26  8 75       9.8  288.6  999.00     0.00

13 26  8 75       7.1  172.5  999.00     0.00

14 26  8 75       8.3  254.4  999.00     0.00

15 26  8 75      12.9  242.7  999.00     0.00

16 26  8 75      10.4  191.7  999.00     0.00

17 26  8 75      11.2  196.6  999.00     0.00

18 26  8 75       9.8  222.9  999.00     0.00

19 26  8 75       3.2  229.4  999.00     0.00

20 26  8 75       4.1  248.2  999.00     0.00

21 26  8 75       0.7  182.6  999.00     0.00

22 26  8 75       2.4  235.1  999.00     0.00

23 26  8 75       3.5  217.8  999.00     0.00
```

```
 RIO BLANCO OIL SHALE PROJECT  SITE  FOUR

              METEOROLOGICAL  DATA
HR DY MO YR       WS10  WDR10   AT10     PREC
++ ++ ++ ++     +-------------------------------+

 0 27  8 75      5.9  243.0  999.00     0.00

 1 27  8 75      4.2  242.1  999.00     0.00

 2 27  8 75      4.1  236.7  999.00     0.00

 3 27  8 75      4.0  231.9  999.00     0.00

 4 27  8 75      4.3  242.8  999.00     0.00

 5 27  8 75      4.1  232.4  999.00     0.00

 6 27  8 75      3.5  235.5  999.00     0.00

 7 27  8 75      3.6  235.2  999.00     0.00

 8 27  8 75      2.3   47.7  999.00     0.00

 9 27  8 75      2.5   78.2  999.00     0.00

10 27  8 75     10.0  230.5  999.00     0.00

11 27  8 75     18.5  227.1  999.00     0.00

12 27  8 75     15.0  224.9  999.00     0.00

13 27  8 75     15.2  276.3  999.00     0.00

14 27  8 75     14.2  216.3  999.00     0.00

15 27  8 75     31.2  124.8   23.34   999.00

16 27  8 75     13.6  182.3   24.36   999.00

17 27  8 75     10.3  192.3   25.17     0.00

18 27  8 75     16.8  218.7   23.45     0.00

19 27  8 75      8.4  245.9   19.30     0.00

20 27  8 75      5.2  182.9   17.65     0.00

21 27  8 75      5.5  213.8   13.32     0.00

22 27  8 75      3.6  214.4   13.47     0.00

23 27  8 75      3.6  222.3    9.59     0.00
```

```
RIO BLANCO OIL SHALE PROJECT  SITE  FOUR

               METEOROLOGICAL DATA
HR DY MO YR     WS10  WDR10   AT10     PREC
++ ++ ++ ++   +-------------------------------+

 0 28  8 75      3.0  239.4    7.93     0.00

 1 28  8 75      3.6  223.6    6.75     0.00

 2 28  8 75      2.5  224.2    8.19     0.00

 3 28  8 75      2.4  250.7    6.52     0.00

 4 28  8 75      4.0  218.0    5.22     0.00

 5 28  8 75      4.2  240.3    4.93     0.00

 6 28  8 75      4.9  234.6    5.10     0.00

 7 28  8 75      2.8  227.2    8.49     0.00

 8 28  8 75      3.2   38.2   14.40     0.00

 9 28  8 75    999.0  999.0  999.00   999.00

10 28  8 75    999.0  999.0  999.00   999.00

11 28  8 75    999.0  999.0  999.00   999.00

12 28  8 75    999.0  999.0  999.00   999.00

13 28  8 75    999.0  999.0  999.00   999.00

14 28  8 75    999.0  999.0  999.00   999.00

15 28  8 75     15.4  214.3   25.43     0.00

16 28  8 75     12.6  214.5   25.94     0.00

17 28  8 75     15.1  232.0   26.11     0.00

18 28  8 75     14.6  225.4   25.23     0.00

19 28  8 75      5.9  212.5   22.03     0.00

20 28  8 75      5.2  207.8   15.84     0.00

21 28  8 75      3.4  238.0   11.29     0.00

22 28  8 75      0.7  245.3    7.87     0.00

23 28  8 75      2.0  149.4    7.54     0.00
```

```
. RIO BLANCO OIL SHALE PROJECT  SITE  FOUR

           METEOROLOGICAL DATA
HR DY MO YR     WS10  WDR10   AT10    PREC
++ ++ ++ ++    +---------------------------------+

 0 29  8 75     2.5  132.0    5.58    0.00

 1 29  8 75     4.0  225.2    4.57    0.00

 2 29  8 75     2.8  254.3    4.00    0.00

 3 29  8 75     3.2  224.4    2.28    0.00

 4 29  8 75     4.0  247.6    0.67    0.00

 5 29  8 75     4.5  242.6    0.34    0.00

 6 29  8 75     3.8  235.1    0.69    0.00

 7 29  8 75     1.9  221.3    6.10    0.00

 8 29  8 75     3.3   58.4   13.86    0.00

 9 29  8 75     3.3   44.2   18.47    0.00

10 29  8 75     3.7   18.8   22.89    0.00

11 29  8 75    14.0  215.0   24.72    0.00

12 29  8 75    15.4  219.8   24.85    0.00

13 29  8 75    13.5  215.3   25.48    0.00

14 29  8 75    10.9  224.6   25.83    0.00

15 29  8 75     7.6  219.7   26.49    0.00

16 29  8 75     9.1  197.8   26.88    0.00

17 29  8 75     8.1  209.3   26.86    0.00

18 29  8 75     9.0  222.8   25.65    0.00

19 29  8 75     2.8  225.3   19.73    0.00

20 29  8 75     4.7  218.5   16.17    0.00

21 29  8 75     3.7  213.7   10.75    0.00

22 29  8 75     5.1  235.1    8.05    0.00

23 29  8 75     5.6  238.9    5.96    0.00
```

```
RIO BLANCO OIL SHALE PROJECT  SITE  FOUR

             METEOROLOGICAL DATA
HR DY MO YR      WS10  WDR10    AT10     PREC
++ ++ ++ ++    +------------------------------------+

 0 30  8 75      5.2  234.7     4.56     0.00

 1 30  8 75      4.4  242.1     3.20     0.00

 2 30  8 75      2.5  232.9     1.30     0.00

 3 30  8 75      5.9  220.2     1.91     0.00

 4 30  8 75      5.5  231.1     2.29     0.00

 5 30  8 75      5.1  237.6     0.97     0.00

 6 30  8 75      3.4  231.6    -0.53     0.00

 7 30  8 75      0.6  173.3     5.65     0.00

 8 30  8 75      3.4   64.8    12.10     0.00

 9 30  8 75      2.2   17.0    18.96     0.00

10 30  8 75      5.3   34.8    22.83     0.00

11 30  8 75      4.5  321.9    25.80     0.00

12 30  8 75      9.7  202.1    27.17     0.00

13 30  8 75      8.7  249.5    27.24     0.00

14 30  8 75     14.4  241.9    27.82     0.00

15 30  8 75     13.9  235.5    27.96     0.00

16 30  8 75     13.7  217.7    27.53     0.00

17 30  8 75     12.1  199.2    27.46     0.00

18 30  8 75     11.0  208.3    26.60     0.00

19 30  8 75      5.7  207.7    22.35     0.00

20 30  8 75      5.1  232.1    15.35     0.00

21 30  8 75      5.6  232.6    11.78     0.00

22 30  8 75      4.2  228.4     9.91     0.00

23 30  8 75      5.5  249.5     7.24     0.00
```

```
RIO BLANCO OIL SHALE PROJECT  SITE  FOUR

              METEOROLOGICAL  DATA
HR DY MO YR       WS10  WDR10   AT10     PREC
++ ++ ++ ++     +-----------------------------+

 0 31  8 75      5.5  240.4     5.17     0.00

 1 31  8 75      5.9  242.2     4.27     0.00

 2 31  8 75      4.1  248.2     1.97     0.00

 3 31  8 75      5.9  243.7     1.84     0.00

 4 31  8 75      4.4  230.6     0.76     0.00

 5 31  8 75      4.5  241.4     0.66     0.00

 6 31  8 75      5.9  222.9     9.35     0.00

 7 31  8 75      7.2  228.7    13.98     0.00

 8 31  8 75     10.3  177.9    22.38     0.00

 9 31  8 75     12.8  214.6    25.10     0.00

10 31  8 75     16.0  225.2    26.50     0.00

11 31  8 75     21.1  233.8    27.25     0.00

12 31  8 75     21.8  231.5    27.33     0.00

13 31  8 75     21.0  221.9    27.68     0.00

14 31  8 75     17.5  220.7    28.20     0.00

15 31  8 75     14.1  221.3    28.33     0.00

16 31  8 75     15.1  223.3    28.46     0.00

17 31  8 75     14.6  221.2    28.44     0.00

18 31  8 75     10.6  218.8    27.27     0.00

19 31  8 75      5.6  233.2    22.67     0.00

20 31  8 75      7.5  223.0    18.79     0.00

21 31  8 75      6.5  236.7    15.50     0.00

22 31  8 75      2.4   41.7    11.90     0.00

23 31  8 75      5.1  246.3     8.51     0.00
```

SECTION B.2

METEOROLOGICAL COMPOSITE DAY (HOURLY) SUMMARIES
SUMMER 1975

Section		Page
B.2.1	Data for Site 1	B.2.1-1 to B.2.1-37
B.2.2	Data for Site 2	B.2.2-1 to B.2.2-9
B.2.3	Data for Site 3	B.2.3-1 to B.2.3-9
B.2.4	Data for Site 4	B.2.4-1 to B.2.4-9

B.2.1

METEOROLOGICAL DATA COMPOSITE DAY SUMMARIES
FOR SITE 1
1 JUNE 1975 THROUGH 31 AUGUST 1975

WS10	Wind Speed at the 10-m level (mph)
AT10	Air Temperature at the 10-m level (degrees Celsius)
RH10	Relative Humidity at the 10-m level (percent)
WS30	Wind Speed at the 30-m level (mph)
AT30	Air Temperature at the 30-m level (degrees Celsius)
WS60	Wind Speed at the 60-m level (mph)
DT60	Temperature Difference between 10-m and 60-m level (degrees Celsius)
SI	Solar Radiation at ground level (Langley)
SG10	Standard Deviation of the Wind Direction (Wind sigma) at the 10-m level (degrees)

```
                    RBOSP    COMPOSITE DAY SUMMARY

               WIND SPEED 10-M: SITE 1   FOR   6/ 1/75  -   6/30/75
          HOUR OF DAY          MINIMUM          MEAN        MAXIMUM

               1                 1.50            7.25         16.38

               2                 1.11            7.47         15.44

               3                 1.72            7.12         17.77

               4                 1.91            6.85         16.40

               5                 1.55            6.81         20.60

               6                 1.26            5.89         13.60

               7                 1.20            5.47         13.92

               8                 1.83            6.33         18.70

               9                 2.38            8.28         21.90

              10                 3.19            9.29         20.40

              11                 3.17           10.17         20.80

              12                 3.38           10.09         19.48

              13                 3.99           11.86         21.10

              14                 5.90           11.54         19.92

              15                 5.47           13.11         21.50

              16                 4.07           12.24         25.23

              17                 5.92           13.14         22.69

              18                 6.06           11.88         22.22

              19                 3.16           10.81         24.74

              20                 1.53            9.28         21.59

              21                 1.89            7.64         19.04

              22                 1.13            6.80         18.12

              23                 1.36            6.58         17.70

              24                 2.18            6.92         14.26


            SUMMARY              1.11            8.86         25.23

                      NUMBER OF OBSERVATIONS:   684
```

RBOSP COMPOSITE DAY SUMMARY

AIR TEMPERATURE 10-M: SITE 1 FOR 6/ 1/75 - 6/30/75

HOUR OF DAY	MINIMUM	MEAN	MAXIMUM
1	3.08	11.65	18.26
2	2.94	11.34	18.29
3	2.53	10.87	18.21
4	2.78	10.64	16.56
5	2.75	10.39	18.17
6	2.02	10.04	16.93
7	2.55	10.32	17.67
8	3.37	11.78	19.60
9	4.31	12.99	20.61
10	4.48	14.11	21.60
11	4.73	14.62	22.13
12	4.80	15.24	22.90
13	6.34	15.74	23.64
14	6.00	16.57	24.02
15	5.20	16.53	24.46
16	3.98	16.70	24.23
17	3.76	16.93	24.35
18	3.72	16.39	24.51
19	5.24	15.66	23.77
20	4.51	14.50	21.99
21	3.70	13.42	20.09
22	3.08	12.80	19.60
23	2.50	12.56	19.17
24	2.30	12.46	18.92
SUMMARY	2.02	13.49	24.51

NUMBER OF OBSERVATIONS: 683

```
                 RBOSP   COMPOSITE DAY SUMMARY

       REL. HUMIDITY 10-M: SITE 1  FOR   6/ 1/75  -   6/30/75
     HOUR OF DAY          MINIMUM         MEAN       MAXIMUM

          1                10.21          37.65       85.77

          2                17.55          39.75       86.37

          3                17.52          41.68       86.69

          4                18.01          41.76       86.72

          5                18.21          41.42       83.47

          6                18.39          41.97       83.39

          7                16.10          34.28       79.51

          8                14.77          27.59       76.30

          9                14.06          25.37       61.37

         10                15.39          25.05       60.15

         11                15.13          24.76       57.49

         12                14.94          25.21       69.83

         13                14.57          26.08       82.23

         14                14.14          24.97       77.22

         15                13.77          24.71       74.83

         16                13.64          25.13       77.80

         17                13.32          23.78       77.42

         18                13.16          23.84       75.71

         19                13.65          27.07       80.01

         20                14.38          29.91       85.25

         21                16.68          32.95       86.00

         22                16.99          35.09       85.42

         23                17.43          35.48       84.81

         24                17.56          35.99       85.12


      SUMMARY              10.21          31.35       86.72

              NUMBER OF OBSERVATIONS:  663
```

RBOSP COMPOSITE DAY SUMMARY

WIND SPEED 30-M: SITE 1 FOR 6/ 1/75 - 6/30/75

HOUR OF DAY	MINIMUM	MEAN	MAXIMUM
1	2.04	8.73	21.19
2	1.11	9.35	21.19
3	2.10	8.73	20.65
4	2.19	8.12	21.16
5	0.88	8.00	24.50
6	1.20	7.19	17.50
7	0.92	6.99	17.10
8	1.90	7.76	23.90
9	1.92	9.67	26.90
10	3.51	10.99	27.90
11	3.43	12.08	27.60
12	3.09	11.69	24.20
13	3.95	13.96	25.50
14	6.40	13.64	24.48
15	5.67	15.58	24.90
16	4.46	14.39	30.04
17	5.96	15.53	29.20
18	7.07	14.26	26.18
19	3.57	12.93	29.27
20	1.04	11.16	25.05
21	1.70	9.05	22.70
22	0.81	8.08	22.59
23	1.05	7.88	21.42
24	2.16	8.17	18.24
SUMMARY	0.81	10.57	30.04

NUMBER OF OBSERVATIONS: 683

RBOSP COMPOSITE DAY SUMMARY

AIR TEMPERATURE 30-M: SITE 1 FOR 6/ 1/75 - 6/30/75

HOUR OF DAY	MINIMUM	MEAN	MAXIMUM
1	2.02	11.52	18.64
2	2.45	11.25	18.34
3	1.05	10.75	18.84
4	1.71	10.45	16.98
5	1.95	10.24	18.11
6	1.55	9.78	16.91
7	1.77	10.20	17.27
8	2.55	11.27	18.79
9	3.40	12.21	19.48
10	3.46	13.21	20.27
11	3.80	13.75	20.52
12	4.52	14.19	21.39
13	5.06	14.63	22.01
14	4.91	15.30	22.34
15	4.24	15.43	22.93
16	3.15	15.60	22.94
17	2.46	15.93	23.06
18	2.99	15.56	23.38
19	4.66	14.97	23.04
20	3.92	14.18	21.52
21	3.21	13.10	19.72
22	2.49	12.58	19.25
23	2.14	12.21	18.94
24	2.11	12.19	18.86
SUMMARY	1.05	12.93	23.38

NUMBER OF OBSERVATIONS: 684

RBOSP COMPOSITE DAY SUMMARY

WIND SPEED 60-M: SITE 1 FOR 6/ 1/75 - 6/30/75

HOUR OF DAY	MINIMUM	MEAN	MAXIMUM
1	2.15	10.48	25.70
2	2.63	11.01	25.56
3	2.75	10.44	24.26
4	1.73	9.68	25.97
5	1.48	9.28	27.20
6	1.94	8.76	20.50
7	1.24	8.31	20.71
8	1.69	8.75	26.40
9	1.91	10.56	29.70
10	3.67	11.78	29.50
11	3.52	12.99	28.20
12	3.53	12.99	26.97
13	3.91	15.68	30.10
14	6.44	15.01	28.36
15	5.87	17.29	27.10
16	4.81	16.22	32.44
17	6.15	17.22	31.80
18	7.40	16.25	28.61
19	4.04	14.67	31.00
20	1.51	13.43	28.80
21	2.17	11.06	25.22
22	1.08	9.97	26.36
23	0.80	9.46	24.59
24	2.14	10.01	21.60
SUMMARY	0.80	12.12	32.44

NUMBER OF OBSERVATIONS: 683

```
           RBOSP   COMPOSITE DAY SUMMARY

    DELTA TEMP. 10-60: SITE 1  FOR   6/ 1/75  -   6/30/75
 HOUR OF DAY          MINIMUM       MEAN       MAXIMUM

      1                -1.73        -0.44        1.12

      2                -1.65        -0.48        1.31

      3                -1.69        -0.47        1.25

      4                -1.79        -0.58        0.27

      5                -1.95        -0.59        0.39

      6                -1.53        -0.54        0.34

      7                -1.15        -0.20        0.56

      8                -0.54         0.48        0.81

      9                 0.28         0.74        1.03

     10                 0.30         0.79        1.11

     11                 0.34         0.86        1.41

     12                 0.22         0.93        1.42

     13                 0.52         1.03        2.03

     14                 0.55         0.96        1.26

     15                 0.65         1.03        2.37

     16                 0.46         0.85        1.41

     17                 0.15         0.80        1.30

     18                 0.19         0.69        0.96

     19                -0.18         0.52        1.55

     20                -0.45         0.19        0.58

     21                -1.32        -0.30        0.43

     22                -2.66        -0.49        0.50

     23                -2.07        -0.48        0.40

     24                -1.27        -0.44        0.42


    SUMMARY            -2.66         0.19        2.37

           NUMBER OF OBSERVATIONS:   676
```

```
                RBOSP   COMPOSITE DAY SUMMARY

           SOLAR INSOLATION: SITE 1  FOR   6/ 1/75  -   6/30/75
       HOUR OF DAY         MINIMUM       MEAN      MAXIMUM

            1               0.00         0.02        0.04

            2               0.00         0.03        0.03

            3               0.00         0.02        0.03

            4               0.00         0.02        0.03

            5               0.00         0.02        0.04

            6               0.01         0.03        0.04

            7               0.07         0.14        0.21

            8               0.11         0.38        0.60

            9               0.24         0.73        1.51

           10               0.35         0.97        1.58

           11               0.23         1.04        1.83

           12               0.13         1.11        1.85

           13               0.18         1.12        1.85

           14               0.52         1.23        1.85

           15               0.53         1.15        1.86

           16               0.35         0.94        1.67

           17               0.33         0.90        1.65

           18               0.16         0.67        1.32

           19               0.08         0.46        0.89

           20               0.03         0.25        0.45

           21               0.00         0.07        0.11

           22               0.00         0.04        0.05

           23               0.00         0.03        0.04

           24               0.00         0.02        0.03


         SUMMARY            0.00         0.46        1.86


              NUMBER OF OBSERVATIONS:  525
```

RBOSP COMPOSITE DAY SUMMARY

WIND SPEED 10-M: SITE 1 FOR 7/ 1/75 - 7/31/75

HOUR OF DAY	MINIMUM	MEAN	MAXIMUM
1	1.20	5.82	12.68
2	1.81	4.94	11.58
3	1.54	4.19	8.21
4	1.40	4.48	11.53
5	1.54	4.51	9.96
6	0.80	3.55	8.00
7	1.36	3.19	8.80
8	1.04	3.64	13.40
9	1.29	4.01	8.98
10	2.75	5.66	10.99
11	1.55	6.08	16.98
12	3.13	7.19	16.57
13	2.86	8.15	15.25
14	3.85	8.43	14.20
15	4.29	9.42	18.95
16	5.45	8.33	12.81
17	4.68	8.36	13.91
18	2.80	8.51	18.15
19	2.75	8.87	18.46
20	3.76	7.20	14.30
21	2.64	7.51	17.47
22	1.80	6.01	12.96
23	1.20	5.33	12.90
24	1.09	5.19	12.24
SUMMARY	0.80	6.17	18.95

NUMBER OF OBSERVATIONS: 708

```
                    RBOSP    COMPOSITE DAY SUMMARY

AIR TEMPERATURE 10-M: SITE 1   FOR   7/ 1/75  -   7/31/75
HOUR OF DAY          MINIMUM       MEAN      MAXIMUM

     1                10.00       17.76       24.55

     2                10.17       17.01       21.12

     3                 8.97       16.39       22.56

     4                 5.73       15.89       21.52

     5                10.64       16.04       21.44

     6                11.58       15.76       21.31

     7                11.83       15.84       19.32

     8                11.22       16.72       20.88

     9                10.27       18.11       22.46

    10                12.41       19.79       24.65

    11                10.14       21.30       25.55

    12                14.06       22.24       26.53

    13                13.63       22.96       27.09

    14                 6.75       22.46       27.82

    15                12.59       22.95       28.07

    16                14.77       23.58       28.24

    17                16.21       23.63       27.34

    18                17.21       23.35       27.16

    19                 5.82       21.68       26.59

    20                 8.84       20.64       24.93

    21                11.53       19.27       24.10

    22                10.58       18.62       24.44

    23                10.02       17.95       24.08

    24                10.30       18.08       24.98


  SUMMARY              5.73       19.47       28.24

          NUMBER OF OBSERVATIONS:   708
```

RBOSP COMPOSITE DAY SUMMARY

REL. HUMIDITY 10-M: SITE 1 FOR 7/ 1/75 - 7/31/75

HOUR OF DAY	MINIMUM	MEAN	MAXIMUM
1	15.15	28.34	77.27
2	16.94	29.85	77.64
3	16.17	31.78	76.46
4	16.61	35.59	77.99
5	16.84	36.72	78.85
6	17.23	36.55	78.49
7	14.51	30.87	76.01
8	12.32	22.25	73.87
9	12.55	21.65	82.14
10	14.08	23.02	81.03
11	13.78	20.12	76.99
12	13.69	19.32	71.43
13	12.40	18.24	76.36
14	11.18	17.77	78.26
15	10.78	19.56	76.74
16	10.14	16.81	54.89
17	10.46	16.12	52.13
18	10.41	16.19	47.16
19	11.71	19.41	71.58
20	13.34	21.51	64.43
21	15.00	26.35	80.13
22	15.49	28.41	80.94
23	15.52	28.71	82.77
24	15.39	28.83	84.21
SUMMARY	10.14	24.81	84.21

NUMBER OF OBSERVATIONS: 708

RBOSP COMPOSITE DAY SUMMARY

WIND SPEED 30-M: SITE 1 FOR 7/ 1/75 - 7/31/75

HOUR OF DAY	MINIMUM	MEAN	MAXIMUM
1	1.40	6.36	16.56
2	1.48	5.69	15.82
3	1.50	4.95	11.40
4	1.40	4.82	13.89
5	0.91	4.67	12.70
6	1.13	4.10	12.40
7	0.85	3.51	10.30
8	0.85	4.00	16.60
9	1.26	4.32	11.71
10	2.53	6.24	13.36
11	1.44	6.89	21.33
12	3.49	8.08	20.66
13	2.92	9.11	18.88
14	4.69	9.66	17.56
15	4.25	10.92	23.14
16	5.70	9.49	15.78
17	5.04	9.55	17.71
18	2.56	9.90	20.22
19	2.93	10.63	21.78
20	3.32	8.87	16.70
21	3.69	9.00	20.90
22	1.65	7.15	15.09
23	1.64	6.15	16.06
24	1.49	5.82	16.55
SUMMARY	0.85	7.05	23.14

NUMBER OF OBSERVATIONS: 708

RBOSP COMPOSITE DAY SUMMARY

AIR TEMPERATURE 30-M: SITE 1 FOR 7/ 1/75 - 7/31/75

HOUR OF DAY	MINIMUM	MEAN	MAXIMUM
1	11.45	17.88	24.85
2	11.48	17.14	20.52
3	11.72	16.36	22.60
4	11.71	15.84	21.44
5	10.81	15.72	20.95
6	11.25	15.46	20.19
7	12.23	15.99	19.22
8	12.66	17.02	21.11
9	10.91	18.13	21.84
10	12.04	19.36	23.64
11	12.85	20.52	24.43
12	13.52	21.14	25.23
13	12.89	21.73	25.59
14	12.08	22.11	26.48
15	11.95	22.15	26.81
16	14.00	22.61	27.00
17	15.57	22.87	26.09
18	16.64	22.64	26.11
19	11.72	21.69	25.97
20	13.44	20.80	24.64
21	9.69	19.37	24.72
22	10.30	18.53	24.77
23	9.49	18.12	24.68
24	9.90	17.99	24.63
SUMMARY	9.49	19.19	27.00

NUMBER OF OBSERVATIONS: 708

RBOSP COMPOSITE DAY SUMMARY

WIND SPEED 60-M: SITE 1 FOR 7/ 1/75 - 7/31/75

HOUR OF DAY	MINIMUM	MEAN	MAXIMUM
1	1.58	7.80	19.02
2	1.92	6.98	19.44
3	1.27	6.34	18.20
4	1.60	5.70	17.09
5	0.56	5.42	16.60
6	0.70	4.88	15.54
7	0.63	3.99	11.80
8	1.03	4.55	18.60
9	1.15	4.97	14.70
10	2.08	6.67	14.31
11	1.73	7.61	21.14
12	3.86	8.63	20.92
13	1.00	9.21	18.40
14	4.60	10.25	21.87
15	3.92	12.12	25.45
16	6.16	10.27	17.93
17	4.93	10.21	17.91
18	2.80	10.82	21.66
19	2.96	11.94	23.94
20	3.28	10.65	18.30
21	3.80	10.78	23.23
22	1.91	8.69	20.55
23	2.31	7.62	17.75
24	1.02	7.17	18.76
SUMMARY	0.56	8.02	25.45

NUMBER OF OBSERVATIONS: 708

RBOSP COMPOSITE DAY SUMMARY

DELTA TEMP. 10-60: SITE 1 FOR 7/ 1/75 - 7/31/75

HOUR OF DAY	MINIMUM	MEAN	MAXIMUM
1	-1.94	-0.51	0.23
2	-3.65	-0.66	0.20
3	-2.48	-0.55	0.17
4	-2.60	-0.48	0.12
5	-2.03	-0.36	0.21
6	-2.17	-0.49	0.19
7	-1.62	-0.20	0.35
8	-0.81	0.35	0.76
9	-0.05	0.65	0.94
10	0.35	0.80	1.00
11	-2.72	0.77	1.27
12	0.31	0.99	1.49
13	0.55	1.07	1.30
14	0.18	1.03	1.49
15	-1.30	0.88	3.08
16	-0.66	0.93	1.41
17	-0.66	0.81	1.32
18	-0.44	0.71	1.07
19	-0.05	0.42	0.79
20	-0.94	-0.16	0.50
21	-2.93	-0.60	0.97
22	-1.99	-0.59	0.10
23	-1.53	-0.49	0.40
24	-1.21	-0.39	0.26
SUMMARY	-3.65	0.16	3.08

NUMBER OF OBSERVATIONS: 706

```
                RBOSP    COMPOSITE DAY SUMMARY

        SOLAR INSOLATION: SITE 1  FOR   7/ 1/75  -   7/31/75
   HOUR OF DAY         MINIMUM        MEAN      MAXIMUM

         1               0.00         0.02        0.04

         2               0.00         0.02        0.03

         3               0.00         0.02        0.04

         4               0.00         0.02        0.04

         5               0.00         0.02        0.03

         6               0.00         0.02        0.04

         7               0.02         0.10        0.17

         8               0.12         0.31        0.48

         9               0.13         0.53        0.70

        10               0.15         0.81        0.93

        11               0.31         1.01        1.21

        12               0.22         1.10        1.39

        13               0.29         1.19        1.54

        14               0.42         1.18        1.58

        15               0.24         1.18        1.70

        16               0.21         1.05        1.42

        17               0.14         0.84        1.47

        18               0.16         0.63        1.27

        19               0.12         0.34        0.59

        20               0.04         0.16        0.29

        21               0.02         0.05        0.09

        22               0.00         0.02        0.04

        23               0.00         0.02        0.04

        24               0.00         0.02        0.04


      SUMMARY            0.00         0.43        1.70


            NUMBER OF OBSERVATIONS:  572
```

RBOSP COMPOSITE DAY SUMMARY

WIND SPEED 10-M: SITE 1 FOR 8/ 1/75 - 8/31/75

HOUR OF DAY	MINIMUM	MEAN	MAXIMUM
1	0.83	5.92	13.78
2	1.90	6.01	12.55
3	1.20	5.72	14.21
4	1.60	5.13	13.21
5	0.81	4.26	12.41
6	0.70	4.32	12.08
7	1.84	4.62	11.12
8	1.14	4.20	11.67
9	1.28	5.38	12.16
10	2.52	7.93	17.07
11	3.54	9.27	16.95
12	4.04	9.66	17.37
13	3.80	10.47	19.55
14	3.65	10.69	21.55
15	5.93	11.01	19.41
16	4.77	10.66	21.53
17	4.80	11.37	21.36
18	3.60	10.69	22.41
19	1.89	8.12	18.06
20	3.00	6.95	15.46
21	2.55	8.89	30.79
22	3.10	8.02	13.65
23	1.46	6.92	14.32
24	2.31	6.91	12.70
SUMMARY	0.70	7.60	30.79

NUMBER OF OBSERVATIONS: 686

```
                    RBOSP   COMPOSITE DAY SUMMARY

         AIR TEMPERATURE 10-M: SITE 1  FOR   8/ 1/75  -   8/31/75
         HOUR OF DAY          MINIMUM     MEAN     MAXIMUM

              1                 9.00      16.38      22.93

              2                 8.76      16.23      23.59

              3                 8.34      16.05      22.86

              4                 8.80      15.53      22.78

              5                 8.84      14.81      21.65

              6                 9.52      14.62      21.50

              7                 9.98      14.61      21.07

              8                11.02      16.03      22.22

              9                13.22      17.70      23.35

             10                14.24      19.54      24.99

             11                14.19      20.55      25.93

             12                16.47      21.82      27.26

             13                15.46      21.88      27.32

             14                16.12      21.79      29.33

             15                14.02      21.98      28.90

             16                16.31      22.71      30.07

             17                 3.75      21.58      27.41

             18                 1.40      21.22      27.52

             19                13.02      21.07      26.23

             20                13.14      19.28      24.49

             21                 8.02      17.90      22.60

             22                12.45      17.65      23.63

             23                11.00      17.22      23.55

             24                10.93      17.01      23.40


           SUMMARY              1.40      18.51      30.07

                   NUMBER OF OBSERVATIONS:   711
              RBOSP    COMPOSITE DAY SUMMARY

   REL. HUMIDITY 10-M: SITE 1   FOR   8/ 1/75  -   8/31/75
 HOUR OF DAY          MINIMUM       MEAN       MAXIMUM

        1              14.71        26.80        81.36

        2              14.94        27.03        78.80

        3              14.77        26.37        75.02

        4              15.08        26.63        68.22

        5              15.21        27.90        65.96

        6              15.32        28.81        69.19

        7              15.10        28.38        73.06

        8              11.64        20.97        64.86

        9              12.69        19.44        45.73

       10              13.20        17.77        33.17

       11              13.05        16.89        26.33

       12              12.31        15.71        20.22

       13              11.52        15.79        30.15

       14              11.32        16.22        30.04

       15              10.45        15.60        28.42

       16              10.34        14.75        24.70

       17              10.00        15.94        57.04

       18              10.66        16.93        57.10

       19              11.56        17.71        53.77

       20              12.91        18.54        46.13

       21              14.96        21.80        61.72

       22              14.72        23.55        76.24

       23              14.71        24.98        76.49

       24              14.75        25.07        80.37


   SUMMARY             10.00        21.32        81.36

            NUMBER OF OBSERVATIONS:   708
```

```
                  RBOSP    COMPOSITE DAY SUMMARY

             WIND SPEED 30-M: SITE 1  FOR   8/ 1/75  -   8/31/75
        HOUR OF DAY          MINIMUM        MEAN      MAXIMUM

             1                 1.03         6.95       17.55

             2                 1.12         6.64       15.80

             3                 1.47         6.38       17.15

             4                 1.57         5.48       14.98

             5                 1.22         4.70       14.78

             6                 1.12         4.56       14.51

             7                 0.96         5.20       13.39

             8                 0.80         4.82       15.14

             9                 1.44         6.15       15.63

            10                 2.63         9.09       19.93

            11                 3.92        10.55       18.91

            12                 4.22        11.03       19.49

            13                 0.60        11.60       22.34

            14                 0.57        11.78       23.59

            15                 7.01        12.50       23.01

            16                 5.02        12.40       24.26

            17                 4.92        13.16       26.62

            18                 3.81        12.79       25.98

            19                 2.32        10.02       21.22

            20                 3.00         8.54       19.63

            21                 1.75        10.43       37.05

            22                 3.25         9.38       18.02

            23                 1.66         8.24       19.79

            24                 2.07         7.94       15.87


          SUMMARY              0.57         8.73       37.05

                  NUMBER OF OBSERVATIONS:   711
```

```
AIR TEMPERATURE 30-M: SITE 1  FOR   8/ 1/75  -   8/31/75
HOUR OF DAY          MINIMUM      MEAN      MAXIMUM

      1                8.83      16.29       23.97

      2                8.56      16.04       23.76

      3                8.31      15.91       23.83

      4                7.74      15.36       23.16

      5                8.76      14.55       22.41

      6                9.33      14.25       21.98

      7                9.51      14.60       21.46

      8               11.26      16.06       21.91

      9               12.78      17.24       22.76

     10               13.26      18.52       24.41

     11               14.37      19.54       24.96

     12               15.75      20.48       25.99

     13               14.46      20.47       25.48

     14               14.29      20.43       26.00

     15               15.26      20.89       26.35

     16               15.66      21.21       26.48

     17                8.74      21.16       26.78

     18               11.96      20.98       26.65

     19               12.83      20.54       25.79

     20               12.95      19.42       24.30

     21               12.42      18.52       23.60

     22               12.11      17.92       23.53

     23               10.64      17.36       23.45

     24               10.78      17.13       23.75


  SUMMARY              7.74      18.06       26.78

          NUMBER OF OBSERVATIONS:  702
```

RBOSP COMPOSITE DAY SUMMARY

WIND SPEED 60-M: SITE 1 FOR 8/ 1/75 - 8/31/75

HOUR OF DAY	MINIMUM	MEAN	MAXIMUM
1	1.60	8.41	21.29
2	1.30	7.75	18.83
3	0.84	7.57	20.15
4	1.42	6.32	16.37
5	0.66	5.83	18.21
6	0.58	5.78	19.74
7	0.96	6.24	19.59
8	1.29	5.74	19.60
9	1.39	6.78	18.99
10	2.74	9.72	21.90
11	4.49	11.35	21.78
12	5.10	12.03	21.54
13	4.66	12.90	23.45
14	2.55	13.26	25.26
15	7.02	13.92	25.04
16	5.62	13.60	26.66
17	5.46	14.29	29.38
18	3.55	14.17	29.80
19	1.78	11.75	23.56
20	3.10	10.91	22.90
21	1.56	12.55	41.05
22	3.60	11.39	21.28
23	1.04	10.45	22.58
24	0.59	9.34	18.60
SUMMARY	0.58	10.06	41.05

NUMBER OF OBSERVATIONS: 711

```
                RBOSP   COMPOSITE DAY SUMMARY

          DELTA TEMP. 10-60: SITE 1  FOR   8/ 1/75  -   8/31/75
      HOUR OF DAY        MINIMUM      MEAN      MAXIMUM

          1               -2.76      -0.74        0.14

          2               -2.58      -0.72        0.17

          3               -2.90      -0.71        0.25

          4               -3.25      -0.68        0.18

          5               -2.72      -0.69        0.27

          6               -3.81      -0.54        0.32

          7               -4.69      -0.56        0.09

          8               -0.74       0.19        0.67

          9               -0.66       0.86        3.23

         10                0.64       1.13        4.34

         11                0.58       1.19        4.12

         12                0.77       1.31        4.35

         13                0.05       1.26        4.68

         14               -0.35       1.01        4.70

         15               -1.31       1.10        4.74

         16                0.35       1.10        4.62

         17               -2.44       0.96        4.12

         18               -0.79       0.93        3.60

         19               -1.78       0.38        1.45

         20               -2.52      -0.49        0.30

         21               -2.74      -1.16        0.29

         22               -2.81      -0.90        0.32

         23               -2.56      -0.88        0.36

         24               -2.62      -0.78        0.32


        SUMMARY           -4.69       0.09        4.74

              NUMBER OF OBSERVATIONS:   708
```

```
               RBOSP    COMPOSITE DAY SUMMARY

          SOLAR INSOLATION: SITE 1  FOR   8/ 1/75  -   8/31/75
     HOUR OF DAY          MINIMUM        MEAN      MAXIMUM

           1                0.00         0.00        0.02

           2                0.00         0.00        0.02

           3                0.00         0.00        0.02

           4                0.00         0.00        0.02

           5                0.00         0.00        0.02

           6                0.00         0.00        0.02

           7                0.02         0.05        0.08

           8                0.10         0.25        0.35

           9                0.29         0.53        0.69

          10                0.44         0.85        1.01

          11                0.74         1.10        1.28

          12                0.66         1.22        1.48

          13                0.44         1.22        1.62

          14                0.28         1.12        1.62

          15                0.14         1.17        1.57

          16                0.31         1.08        1.39

          17                0.45         0.92        1.18

          18                0.27         0.64        0.88

          19                0.15         0.36        0.58

          20                0.05         0.12        0.22

          21                0.01         0.02        0.03

          22                0.00         0.01        0.02

          23                0.00         0.00        0.02

          24                0.00         0.00        0.02


       SUMMARY              0.00         0.42        1.62

              NUMBER OF OBSERVATIONS:    438
```

RBOSP COMPOSITE DAY SUMMARY

WIND SPEED 10-M: SITE 1 FOR 6/ 1/75 - 8/31/75

HOUR OF DAY	MINIMUM	MEAN	MAXIMUM
1	0.83	6.33	16.38
2	1.11	6.13	15.44
3	1.20	5.70	17.77
4	1.40	5.55	16.40
5	0.81	5.33	20.60
6	0.70	4.64	13.60
7	1.20	4.46	13.92
8	1.04	4.70	18.70
9	1.28	5.88	21.90
10	2.52	7.58	20.40
11	1.55	8.57	20.80
12	3.13	9.04	19.48
13	2.86	10.25	21.10
14	3.65	10.32	21.55
15	4.29	11.22	21.50
16	4.07	10.43	25.23
17	4.68	10.94	22.69
18	2.80	10.26	22.41
19	1.89	9.21	24.74
20	1.53	7.75	21.59
21	1.89	8.12	30.79
22	1.13	7.19	23.90
23	1.20	6.43	17.70
24	1.09	6.45	14.26
SUMMARY	0.70	7.58	30.79

NUMBER OF OBSERVATIONS: 2150

```
                R30SP   COMPOSITE DAY SUMMARY

        AIR TEMPERATURE 10-M: SITE 1  FOR   6/ 1/75  -   8/31/75
        HOUR OF DAY          MINIMUM      MEAN      MAXIMUM

             1                 3.08       15.43      24.55

             2                 2.94       15.03      23.59

             3                 2.53       14.58      22.86

             4                 2.78       14.15      22.78

             5                 2.75       13.88      21.65

             6                 2.02       13.57      21.50

             7                 2.55       13.70      21.07

             8                 3.37       14.93      22.22

             9                 4.31       16.35      23.35

            10                 4.48       17.90      24.99

            11                 4.73       18.98      25.93

            12                 4.80       19.96      27.26

            13                 6.34       20.37      27.32

            14                 6.00       20.45      29.33

            15                 5.20       20.65      28.90

            16                 3.98       21.15      30.07

            17                 3.75       20.83      27.41

            18                 1.40       20.44      27.52

            19                 5.24       19.59      26.59

            20                 4.51       18.25      24.93

            21                 3.70       16.92      24.10

            22                 3.08       16.47      24.44

            23                 2.50       16.06      24.08

            24                 2.30       16.01      24.98


          SUMMARY              1.40       17.29      30.07

                  NUMBER OF OBSERVATIONS: 2174
                RBOSP    COMPOSITE DAY SUMMARY

   REL. HUMIDITY 10-M: SITE 1  FOR   6/ 1/75  -   8/31/75
 HOUR OF DAY        MINIMUM       MEAN      MAXIMUM

      1              10.21        30.46      85.77

      2              14.54        31.66      86.37

      3              14.77        32.76      86.69

      4              15.08        34.14      86.72

      5              15.21        34.85      83.47

      6              15.32        35.26      83.39

      7              14.51        30.89      79.51

      8              11.64        23.38      76.30

      9              12.55        22.00      82.14

     10              13.20        21.90      81.03

     11              13.05        20.42      76.99

     12              12.31        19.71      71.43

     13              11.52        19.70      82.23

     14              11.18        19.40      78.26

     15              10.45        19.70      76.74

     16              10.14        18.64      77.80

     17              10.00        18.39      77.42

     18              10.41        18.77      75.71

     19              11.56        21.12      80.01

     20              12.91        23.08      85.25

     21              14.96        26.90      86.00

     22              14.72        28.93      85.42

     23              14.71        29.39      84.81

     24              14.75        29.51      85.12


  SUMMARY            10.00        25,52      86.72

            NUMBER OF OBSERVATIONS: 2151
```

RBOSP COMPOSITE DAY SUMMARY

WIND SPEED 30-M: SITE 1 FOR 6/ 1/75 - 8/31/75

HOUR OF DAY	MINIMUM	MEAN	MAXIMUM
1	1.03	7.33	21.19
2	1.11	7.21	21.19
3	1.47	6.72	20.65
4	1.40	6.24	21.16
5	0.88	5.95	24.50
6	1.12	5.36	17.50
7	0.85	5.26	17.10
8	0.80	5.48	23.90
9	1.26	6.68	26.90
10	2.53	8.73	27.90
11	1.44	9.92	27.60
12	3.09	10.35	24.20
13	0.60	11.71	25.50
14	0.57	11.83	24.48
15	4.25	13.06	24.90
16	4.46	12.12	30.04
17	4.92	12.81	29.20
18	2.56	12.32	26.18
19	2.32	11.18	29.27
20	1.04	9.46	25.05
21	1.70	9.64	37.05
22	0.81	8.49	29.10
23	1.05	7.63	21.42
24	1.49	7.46	18.24
SUMMARY	0.57	8.85	37.05

NUMBER OF OBSERVATIONS: 2174

RBOSP COMPOSITE DAY SUMMARY

AIR TEMPERATURE 30-M: SITE 1 FOR 6/ 1/75 - 8/31/75

HOUR OF DAY	MINIMUM	MEAN	MAXIMUM
1	2.02	15.39	24.85
2	2.45	14.97	23.76
3	1.05	14.48	23.83
4	1.71	14.02	23.16
5	1.95	13.65	22.41
6	1.55	13.27	21.98
7	1.77	13.72	21.46
8	2.55	14.88	21.91
9	3.40	15.95	22.76
10	3.46	17.12	24.41
11	3.80	18.04	24.96
12	4.52	18.79	25.99
13	5.06	19.09	25.59
14	4.91	19.43	26.48
15	4.24	19.62	26.81
16	3.15	19.93	27.00
17	2.46	20.08	26.78
18	2.99	19.84	26.65
19	4.66	19.18	25.97
20	3.92	18.23	24.64
21	3.21	17.13	24.72
22	2.49	16.46	24.77
23	2.14	16.07	24.68
24	2.11	15.95	24.63
SUMMARY	1.05	16.85	27.00

NUMBER OF OBSERVATIONS: 2166

RBOSP COMPOSITE DAY SUMMARY

WIND SPEED 60-M: SITE 1 FOR 6/ 1/75 - 8/31/75

HOUR OF DAY	MINIMUM	MEAN	MAXIMUM
1	1.58	9.04	25.70
2	1.30	8.75	25.56
3	0.84	8.35	24.26
4	1.42	7.48	25.97
5	0.56	7.08	27.20
6	0.58	6.58	20.50
7	0.63	6.23	20.71
8	1.03	6.30	26.40
9	1.15	7.38	29.70
10	2.08	9.34	29.50
11	1.73	10.74	28.20
12	3.53	11.31	26.97
13	1.00	12.77	30.10
14	2.55	13.00	28.36
15	3.92	14.53	27.10
16	4.81	13.43	32.44
17	4.93	14.02	31.80
18	2.80	13.77	29.80
19	1.78	12.80	31.00
20	1.51	11.64	28.80
21	1.56	11.67	41.05
22	1.08	10.37	33.20
23	0.80	9.44	24.59
24	0.59	9.05	21.60
SUMMARY	0.56	10.19	41.05

NUMBER OF OBSERVATIONS: 2174

RBOSP COMPOSITE DAY SUMMARY

DELTA TEMP. 10-60: SITE 1 FOR 6/ 1/75 - 8/31/75

HOUR OF DAY	MINIMUM	MEAN	MAXIMUM
1	-2.76	-0.57	1.12
2	-3.95	-0.62	1.31
3	-2.90	-0.58	1.25
4	-3.25	-0.59	0.27
5	-2.72	-0.55	0.39
6	-3.81	-0.53	0.34
7	-4.69	-0.34	0.56
8	-0.81	0.33	0.81
9	-0.66	0.74	3.23
10	0.30	0.90	4.34
11	-2.72	0.94	4.12
12	0.22	1.08	4.35
13	0.05	1.13	4.68
14	-0.35	1.01	4.70
15	-1.31	1.01	4.74
16	-0.66	0.97	4.62
17	-2.44	0.86	4.12
18	-0.79	0.77	3.60
19	-1.78	0.43	1.55
20	-2.52	-0.17	0.58
21	-2.93	-0.70	0.97
22	-2.81	-0.68	0.50
23	-2.57	-0.66	0.40
24	-2.70	-0.58	0.42
SUMMARY	-4.69	0.14	4.74

NUMBER OF OBSERVATIONS: 2161

```
                 RBOSP    COMPOSITE DAY SUMMARY

         SOLAR INSOLATION: SITE 1   FOR   6/ 1/75  -   8/31/75
      HOUR OF DAY           MINIMUM        MEAN       MAXIMUM

           1                  0.00         0.02         0.04

           2                  0.00         0.02         0.03

           3                  0.00         0.02         0.04

           4                  0.00         0.02         0.04

           5                  0.00         0.02         0.04

           6                  0.00         0.02         0.04

           7                  0.02         0.10         0.21

           8                  0.10         0.32         0.60

           9                  0.13         0.59         1.51

          10                  0.16         0.87         1.58

          11                  0.15         1.03         1.83

          12                  0.13         1.15         1.85

          13                  0.18         1.19         1.85

          14                  0.23         1.19         1.85

          15                  0.14         1.18         1.86

          16                  0.21         1.04         1.67

          17                  0.14         0.89         1.65

          18                  0.16         0.65         1.32

          19                  0.08         0.39         0.89

          20                  0.03         0.18         0.45

          21                  0.00         0.05         0.11

          22                  0.00         0.02         0.05

          23                  0.00         0.02         0.04

          24                  0.00         0.02         0.04


       SUMMARY                0.00         0.44         1.86


               NUMBER OF OBSERVATIONS: 1601
```

RBOSP COMPOSITE DAY SUMMARY

WIND DIR. SIGMA 10-M: SITE 1 FOR 6/ 1/75 - 6/30/75

HOUR OF DAY	MINIMUM	MEAN	MAXIMUM
1	2.98	9.30	28.18
2	3.01	8.74	20.13
3	3.47	9.69	30.97
4	2.53	8.42	14.89
5	2.45	8.81	22.82
6	3.61	11.31	22.23
7	3.40	11.57	20.95
8	6.30	12.71	19.31
9	8.40	13.69	28.12
10	9.50	16.12	59.26
11	8.81	14.26	26.72
12	8.20	15.63	27.94
13	8.53	15.05	24.33
14	8.80	16.20	26.03
15	8.59	13.75	28.60
16	7.98	14.06	24.32
17	6.62	13.15	21.10
18	6.84	11.97	17.49
19	7.54	10.75	16.40
20	5.71	10.60	29.28
21	2.30	8.89	20.08
22	2.36	8.40	19.15
23	3.78	9.21	25.71
24	3.56	9.70	20.03
SUMMARY	2.36	11.74	59.26

NUMBER OF OBSERVATIONS: 684

RBOSP COMPOSITE DAY SUMMARY

WIND DIR. SIGMA 10-M: SITE 1 FOR 7/ 1/75 - 7/31/75

HOUR OF DAY	MINIMUM	MEAN	MAXIMUM
1	2.78	9.84	29.66
2	3.52	11.91	28.07
3	0.01	12.41	29.74
4	3.73	9.65	25.06
5	2.91	9.41	28.27
6	2.80	10.34	23.46
7	3.73	11.07	29.58
8	6.22	15.07	23.39
9	7.18	16.14	29.25
10	9.53	15.63	27.52
11	10.88	19.05	28.49
12	11.71	17.95	28.30
13	8.73	17.40	29.01
14	7.33	17.25	27.50
15	6.26	16.36	29.32
16	5.58	17.37	26.94
17	5.01	15.26	29.54
18	6.16	13.84	30.69
19	6.06	12.56	27.04
20	4.19	10.48	26.15
21	3.38	9.36	24.56
22	2.91	10.98	28.35
23	3.56	10.41	30.61
24	2.83	9.91	25.97
SUMMARY	0.01	13.30	30.69

NUMBER OF OBSERVATIONS: 708

RBOSP COMPOSITE DAY SUMMARY

WIND DIR. SIGMA 10-M: SITE 1 FOR 8/ 1/75 - 8/31/75

HOUR OF DAY	MINIMUM	MEAN	MAXIMUM
1	1.40	9.73	26.14
2	1.45	7.96	28.32
3	0.71	8.11	22.05
4	1.19	8.81	26.15
5	0.77	10.82	27.36
6	2.81	9.96	24.54
7	2.73	9.07	22.25
8	3.56	13.16	26.60
9	8.50	14.42	24.71
10	8.69	14.06	26.15
11	8.36	14.97	24.99
12	8.38	15.47	25.53
13	7.60	14.39	24.39
14	7.24	14.73	29.27
15	3.17	13.97	27.87
16	7.65	15.36	27.07
17	6.69	14.07	29.53
18	8.41	12.95	27.51
19	5.87	11.94	26.90
20	3.34	8.86	22.96
21	3.00	7.50	21.63
22	1.96	7.68	19.12
23	1.59	9.19	31.12
24	1.59	7.19	20.39
SUMMARY	0.71	11.39	31.12

NUMBER OF OBSERVATIONS: 686

```
                  RBOSP   COMPOSITE DAY SUMMARY

     WIND DIR. SIGMA 10-M: SITE 1  FOR   6/ 1/75  -   8/31/75
     HOUR OF DAY           MINIMUM        MEAN      MAXIMUM

          1                  1.40          9.79       29.66

          2                  1.45          9.77       28.32

          3                  0.01         10.33       30.97

          4                  1.19          9.13       26.15

          5                  0.77          9.61       28.27

          6                  2.80         10.58       24.54

          7                  2.73         10.60       29.58

          8                  3.56         13.61       26.60

          9                  7.18         14.65       29.25

         10                  8.69         15.29       59.26

         11                  8.36         16.05       28.49

         12                  8.20         16.35       28.30

         13                  7.60         15.66       29.01

         14                  7.24         15.98       29.27

         15                  3.17         14.70       29.32

         16                  5.58         15.59       27.07

         17                  5.01         14.15       29.54

         18                  6.16         12.91       30.69

         19                  5.87         11.72       27.04

         20                  3.34         10.02       29.28

         21                  2.80          8.59       24.56

         22                  1.96          8.97       28.35

         23                  1.59          9.61       31.12

         24                  1.59          8.90       25.97


       SUMMARY               0.01         12.17       59.26

              NUMBER OF OBSERVATIONS: 2150
```

B.2.2

METEOROLOGICAL DATA COMPOSITE DAY SUMMARIES
FOR SITE 2
1 JUNE 1975 THROUGH 31 AUGUST 1975

WS10	Wind speed at the 10-m level (mph)
AT10	Air temperature at the 10-m level (degrees Celsius)

RBOSP COMPOSITE DAY SUMMARY

WIND SPEED 10-M: SITE 2 FOR 6/ 1/75 - 6/30/75

HOUR OF DAY	MINIMUM	MEAN	MAXIMUM
1	1.59	6.82	13.90
2	2.25	8.25	18.66
3	1.59	7.68	14.79
4	1.78	7.36	23.90
5	2.68	7.08	23.20
6	1.19	7.19	17.09
7	1.33	6.61	16.41
8	1.72	7.98	21.30
9	2.34	9.46	19.10
10	1.63	10.72	24.30
11	2.52	11.46	22.92
12	4.85	12.42	25.61
13	3.71	13.07	26.21
14	4.83	14.92	35.50
15	5.94	15.60	28.40
16	4.68	13.94	26.76
17	4.25	15.32	24.63
18	5.30	14.08	25.02
19	2.20	11.95	26.69
20	2.20	10.78	23.74
21	2.98	9.51	20.56
22	1.14	7.59	15.30
23	1.75	7.33	14.13
24	1.74	7.97	17.47
SUMMARY	1.14	10.15	35.50

NUMBER OF OBSERVATIONS: 677

RBOSP COMPOSITE DAY SUMMARY

AIR TEMPERATURE 10-M: SITE 2 FOR 6/ 1/75 - 6/30/75

HOUR OF DAY	MINIMUM	MEAN	MAXIMUM
1	2.70	10.68	18.13
2	1.59	10.31	18.63
3	1.89	9.96	18.49
4	1.47	9.96	18.10
5	2.11	9.64	17.24
6	1.91	9.51	17.08
7	1.94	10.12	17.70
8	2.78	11.69	18.94
9	3.62	12.88	19.64
10	3.73	13.83	20.40
11	4.25	14.32	20.99
12	4.49	14.88	21.84
13	5.31	14.99	22.10
14	5.75	15.89	24.46
15	5.20	15.99	23.63
16	4.75	16.20	23.06
17	3.11	16.48	23.44
18	4.09	16.23	23.91
19	4.77	15.63	24.01
20	3.96	14.62	23.24
21	3.33	13.21	20.43
22	3.01	12.41	19.84
23	2.37	12.06	19.23
24	1.55	11.67	19.15
SUMMARY	1.47	13.03	24.46

NUMBER OF OBSERVATIONS: 687

RBOSP COMPOSITE DAY SUMMARY

WIND SPEED 10-M: SITE 2 FOR 7/ 1/75 - 7/31/75

HOUR OF DAY	MINIMUM	MEAN	MAXIMUM
1	2.70	6.64	14.57
2	1.41	5.74	15.80
3	1.20	5.77	17.10
4	1.45	5.29	13.44
5	1.87	5.51	15.01
6	2.26	4.52	15.59
7	1.36	4.18	16.54
8	0.62	3.89	12.34
9	2.22	4.60	12.45
10	2.05	5.88	14.12
11	1.89	7.02	17.56
12	3.60	7.86	16.57
13	2.57	7.89	13.78
14	3.90	9.25	17.18
15	3.18	10.18	19.00
16	4.50	9.98	15.99
17	1.99	9.38	15.00
18	3.06	9.42	17.55
19	3.93	9.21	16.41
20	4.16	8.73	19.28
21	2.50	8.44	22.15
22	1.20	6.37	19.65
23	1.16	6.42	15.02
24	2.05	6.64	12.38
SUMMARY	0.62	7.01	22.15

NUMBER OF OBSERVATIONS: 709

RBOSP COMPOSITE DAY SUMMARY

AIR TEMPERATURE 10-M: SITE 2 FOR 7/ 1/75 - 7/31/75

HOUR OF DAY	MINIMUM	MEAN	MAXIMUM
1	10.64	17.14	22.50
2	11.88	16.62	21.35
3	12.08	15.93	21.90
4	11.12	15.45	19.31
5	10.56	15.28	20.93
6	11.12	15.10	20.25
7	12.04	15.55	19.05
8	12.52	16.95	21.28
9	11.38	18.54	23.12
10	12.23	19.96	24.09
11	12.50	21.06	24.63
12	13.48	21.78	25.32
13	13.37	22.33	26.60
14	12.22	22.73	26.69
15	11.97	22.47	27.47
16	14.67	23.23	27.29
17	16.07	23.49	26.97
18	16.65	23.08	26.88
19	12.05	22.14	26.44
20	12.77	20.99	24.92
21	9.85	18.80	23.28
22	10.09	18.16	21.89
23	9.50	17.64	22.61
24	9.92	17.41	22.27
SUMMARY	9.50	19.20	27.47

NUMBER OF OBSERVATIONS: 709

RBOSP COMPOSITE DAY SUMMARY

WIND SPEED 10-M: SITE 2 FOR 8/ 1/75 - 8/31/75

HOUR OF DAY	MINIMUM	MEAN	MAXIMUM
1	2.19	8.61	19.66
2	2.91	8.53	19.66
3	2.27	7.57	19.66
4	1.88	6.99	19.66
5	2.35	7.47	19.66
6	1.42	6.91	19.66
7	1.93	6.93	19.66
8	0.86	6.61	19.66
9	1.58	7.61	19.66
10	2.01	9.13	19.43
11	3.64	9.80	18.83
12	4.28	11.78	21.16
13	4.21	11.81	20.99
14	4.68	12.48	25.42
15	6.92	13.14	24.24
16	4.42	13.37	23.74
17	1.71	12.01	28.51
18	3.18	13.10	28.42
19	3.81	10.41	19.62
20	2.58	9.34	20.45
21	2.57	10.50	36.70
22	4.90	10.47	19.66
23	2.75	9.59	19.66
24	2.77	9.09	19.66
SUMMARY	0.86	9.71	36.70

NUMBER OF OBSERVATIONS: 711

RBOSP COMPOSITE DAY SUMMARY

AIR TEMPERATURE 10-M: SITE 2 FOR 8/ 1/75 - 8/31/75

HOUR OF DAY	MINIMUM	MEAN	MAXIMUM
1	10.06	16.10	21.83
2	11.09	16.07	22.13
3	11.11	15.72	21.42
4	11.11	15.41	21.42
5	10.12	14.95	21.42
6	9.58	14.67	21.42
7	9.65	14.82	21.42
8	11.11	16.09	21.42
9	11.11	17.48	23.07
10	13.57	18.90	24.66
11	13.57	19.87	25.23
12	11.11	20.21	26.54
13	11.11	20.64	26.46
14	11.11	20.34	26.04
15	11.11	20.48	26.64
16	11.11	20.99	26.85
17	11.11	21.20	26.97
18	8.20	20.38	26.95
19	11.85	20.43	26.03
20	13.56	19.55	24.21
21	11.11	18.01	23.14
22	11.11	17.63	23.26
23	11.11	17.37	23.40
24	10.46	16.71	21.91
SUMMARY	8.20	18.06	26.97

NUMBER OF OBSERVATIONS: 615

RBOSP COMPOSITE DAY SUMMARY

WIND SPEED 10-M: SITE 2 FOR 6/ 1/75 - 8/31/75

HOUR OF DAY	MINIMUM	MEAN	MAXIMUM.
1	1.59	7.55	19.66
2	1.41	7.74	19.66
3	1.20	7.23	19.66
4	1.45	6.81	23.90
5	1.87	6.91	23.20
6	1.19	6.28	19.66
7	1.33	5.93	19.66
8	0.62	6.12	21.30
9	1.58	7.20	19.66
10	1.63	8.56	24.30
11	1.89	9.49	22.92
12	3.60	10.75	25.61
13	2.57	11.07	26.21
14	3.90	12.29	35.50
15	3.18	13.01	28.40
16	4.42	12.46	26.76
17	1.71	12.26	28.51
18	3.06	12.19	28.42
19	2.20	10.43	26.69
20	2.20	9.63	23.74
21	2.50	9.59	36.70
22	1.14	8.49	30.10
23	1.16	7.98	19.66
24	1.74	8.12	19.66
SUMMARY	0.62	9.06	36.70

NUMBER OF OBSERVATIONS: 2169

RDOSP COMPOSITE DAY SUMMARY

AIR TEMPERATURE 10-M: SITE 2 FOR 6/ 1/75 - 8/31/75

HOUR OF DAY	MINIMUM	MEAN	MAXIMUM
1	2.70	14.74	22.50
2	1.59	14.42	22.13
3	1.89	13.96	21.90
4	1.47	13.71	21.42
5	2.11	13.39	21.42
6	1.91	13.15	21.42
7	1.94	13.54	21.42
8	2.78	14.95	21.42
9	3.62	16.35	23.12
10	3.73	17.61	24.66
11	4.25	18.45	25.23
12	4.49	19.10	26.54
13	5.31	19.43	26.60
14	5.75	19.76	26.69
15	5.20	19.77	27.47
16	4.75	20.28	27.29
17	3.11	20.49	26.97
18	4.09	20.01	26.95
19	4.77	19.53	26.44
20	3.96	18.44	24.92
21	3.33	16.78	23.45
22	3.01	16.15	23.26
23	2.37	15.80	23.40
24	1.55	15.38	22.27
SUMMARY	1.47	16.86	27.47

NUMBER OF OBSERVATIONS: 2083

B.2.3

METEOROLOGICAL DATA COMPOSITE DAY SUMMARIES
FOR SITE 3
1 JUNE 1975 THROUGH 31 AUGUST 1975

WS10	Wind Speed at the 10-m level (mph)
AT10	Air Temperature at the 10-m level (degrees Celsius)

RBOSP COMPOSITE DAY SUMMARY

WIND SPEED 10-M: SITE 3 FOR 6/ 1/75 - 6/30/75

HOUR OF DAY	MINIMUM	MEAN	MAXIMUM
1	1.52	5.90	8.66
2	1.75	5.49	8.21
3	0.97	5.28	11.47
4	2.35	5.53	8.61
5	1.89	5.58	9.20
6	1.83	5.00	7.54
7	1.40	4.06	6.40
8	1.70	4.01	10.20
9	2.34	6.59	15.22
10	3.36	7.74	14.70
11	2.37	8.67	16.50
12	4.25	9.76	18.20
13	2.78	10.67	20.78
14	3.16	11.80	29.90
15	4.95	12.54	22.00
16	5.64	11.49	19.19
17	5.96	12.08	19.32
18	3.49	11.53	19.91
19	4.38	9.93	19.42
20	1.87	6.61	11.68
21	1.93	5.81	9.61
22	0.96	6.14	9.20
23	2.78	6.44	9.59
24	2.06	6.06	8.95
SUMMARY	0.96	7.67	29.90

NUMBER OF OBSERVATIONS: 690

RBOSP COMPOSITE DAY SUMMARY

AIR TEMPERATURE 10-M: SITE 3 FOR 6/ 1/75 - 6/30/75

HOUR OF DAY	MINIMUM	MEAN	MAXIMUM
1	-0.85	6.83	12.67
2	-1.52	6.56	13.96
3	-2.39	5.98	19.52
4	-2.17	5.43	15.64
5	-2.19	5.21	16.40
6	-2.30	4.64	15.12
7	0.06	6.35	12.52
8	4.27	10.54	17.07
9	5.26	13.46	21.84
10	5.75	15.20	22.84
11	6.10	16.35	23.31
12	6.26	16.73	24.06
13	6.64	17.11	24.38
14	8.29	17.53	25.05
15	6.85	18.05	25.48
16	5.95	18.25	25.61
17	4.51	18.48	25.72
18	6.07	17.99	26.32
19	5.74	17.27	25.96
20	5.44	15.75	23.33
21	4.92	11.73	19.48
22	3.10	9.44	17.06
23	2.13	8.32	13.79
24	1.72	7.29	12.91
SUMMARY	-2.39	12.07	26.32

NUMBER OF OBSERVATIONS: 690

RBOSP COMPOSITE DAY SUMMARY

WIND SPEED 10-M: SITE 3 FOR 7/ 1/75 - 7/31/75

HOUR OF DAY	MINIMUM	MEAN	MAXIMUM
1	1.56	5.52	9.18
2	2.36	5.93	8.19
3	1.62	5.49	8.46
4	1.80	5.88	8.47
5	1.40	5.83	8.20
6	1.58	5.85	8.10
7	1.78	4.54	8.40
8	1.22	2.89	6.60
9	1.99	3.82	6.37
10	2.20	5.46	9.44
11	3.70	6.13	11.75
12	2.38	6.49	12.03
13	3.53	6.73	11.50
14	3.27	7.57	16.05
15	1.89	8.26	17.32
16	3.29	7.82	15.77
17	3.22	8.14	13.40
18	1.30	7.72	12.63
19	2.68	6.96	11.30
20	1.81	5.36	10.60
21	2.10	5.78	15.90
22	1.70	6.09	9.36
23	1.70	6.27	9.30
24	2.30	6.36	9.40
SUMMARY	1.22	6.12	17.32

NUMBER OF OBSERVATIONS: 715

RBOSP COMPOSITE DAY SUMMARY

AIR TEMPERATURE 10-M: SITE 3 FOR 7/ 1/75 - 7/31/75

HOUR OF DAY	MINIMUM	MEAN	MAXIMUM
1	9.21	12.83	17.72
2	7.73	11.75	17.36
3	6.23	10.96	15.91
4	5.85	10.36	14.34
5	5.82	9.96	15.05
6	5.81	9.57	14.85
7	7.17	10.80	14.11
8	11.85	15.05	18.24
9	11.60	18.23	21.02
10	12.58	20.56	25.72
11	13.58	22.27	26.95
12	14.27	23.37	27.69
13	14.08	23.89	28.30
14	13.26	24.26	28.63
15	13.22	24.09	28.85
16	16.28	24.92	28.74
17	17.57	24.94	28.97
18	18.27	24.59	28.94
19	13.50	23.80	28.73
20	13.56	22.36	26.94
21	11.19	18.16	22.23
22	11.08	15.72	19.61
23	10.71	14.41	19.10
24	9.66	13.63	18.56
SUMMARY	5.81	17.92	28.97

NUMBER OF OBSERVATIONS: 715

RBOSP COMPOSITE DAY SUMMARY

WIND SPEED 10-M: SITE 3 FOR 8/ 1/75 - 8/31/75

HOUR OF DAY	MINIMUM	MEAN	MAXIMUM
1	3.63	6.86	9.36
2	1.73	6.44	9.29
3	2.41	5.42	8.29
4	1.10	5.69	8.42
5	1.79	5.48	8.68
6	1.80	6.09	8.41
7	1.66	5.76	9.88
8	1.02	3.39	6.84
9	1.40	4.78	11.89
10	3.00	6.69	15.69
11	3.53	7.92	14.31
12	3.87	9.19	16.40
13	4.56	10.12	15.94
14	4.98	10.68	19.04
15	5.39	11.09	18.98
16	5.86	10.89	20.38
17	1.04	9.11	15.00
18	2.42	10.16	21.21
19	2.17	8.02	14.42
20	1.94	6.07	9.90
21	2.64	7.40	23.52
22	2.84	6.90	11.23
23	2.04	6.69	9.61
24	2.44	6.09	9.40
SUMMARY	1.02	7.36	23.52

NUMBER OF OBSERVATIONS: 710

```
              RBOSP    COMPOSITE DAY SUMMARY

      AIR TEMPERATURE 10-M: SITE 3  FOR   8/ 1/75  -   8/31/75
      HOUR OF DAY          MINIMUM       MEAN      MAXIMUM

           1                 6.35       11.26       15.74

           2                 7.13       10.54       16.84

           3                 5.16        9.72       17.30

           4                 4.62        8.58       15.92

           5                 3.47        7.97       14.74

           6                 4.55        7.64       15.80

           7                 4.83        8.49       19.20

           8                 8.83       12.27       21.73

           9                12.38       16.56       23.81

          10                14.66       19.23       25.36

          11                16.82       21.35       27.01

          12                 6.34       21.87       27.75

          13                13.76       22.79       28.23

          14                13.76       22.66       27.51

          15                17.26       23.10       28.76

          16                17.26       23.41       28.67

          17                17.26       23.59       28.49

          18                15.54       23.40       28.25

          19                11.64       22.54       27.47

          20                12.84       19.81       25.57

          21                11.06       15.17       20.84

          22                 9.56       13.87       21.41

          23                 8.79       12.83       18.80

          24                 7.17       11.89       16.66


        SUMMARY              3.47       16.30       28.76

             NUMBER OF OBSERVATIONS:   645
```

```
            RBOSP   COMPOSITE DAY SUMMARY

        WIND SPEED 10-M: SITE 3  FOR   6/ 1/75  -   8/31/75
 HOUR OF DAY          MINIMUM        MEAN      MAXIMUM

      1                 1.52         6.04        9.36

      2                 1.73         5.95        9.29

      3                 0.97         5.37       11.47

      4                 1.10         5.66        8.61

      5                 1.40         5.63        9.20

      6                 1.58         5.71       10.30

      7                 1.40         4.83        9.88

      8                 1.02         3.42       10.20

      9                 1.40         5.09       15.22

     10                 2.20         6.67       15.69

     11                 2.37         7.67       16.50

     12                 2.38         8.58       19.66

     13                 2.78         9.27       20.78

     14                 3.16        10.12       29.90

     15                 1.89        10.68       22.00

     16                 3.29        10.14       20.38

     17                 1.04         9.88       19.32

     18                 1.30         9.87       21.21

     19                 2.17         8.33       19.42

     20                 1.81         6.04       11.68

     21                 1.93         6.40       23.52

     22                 0.96         6.58       23.20

     23                 1.70         6.49        9.61

     24                 2.06         6.15        9.40


   SUMMARY              0.96         7.10       29.90

            NUMBER OF OBSERVATIONS: 2187
```

```
                  RBOSP   COMPOSITE DAY SUMMARY

AIR TEMPERATURE 10-M: SITE 3  FOR   6/ 1/75  -   8/31/75
HOUR OF DAY          MINIMUM       MEAN      MAXIMUM

     1                -0.85       10.26       17.72

     2                -1.52        9.55       17.36

     3                -2.39        8.82       19.52

     4                -2.17        8.10       15.92

     5                -2.19        7.73       16.40

     6                -2.30        7.36       15.80

     7                 0.06        8.58       19.20

     8                 4.27       12.65       21.73

     9                 5.26       16.20       23.81

    10                 5.75       18.43       25.72

    11                 6.10       20.07       27.01

    12                 6.26       20.85       27.75

    13                 6.64       21.44       28.30

    14                 8.29       21.65       28.63

    15                 6.85       21.91       28.85

    16                 5.95       22.35       28.74

    17                 4.51       22.45       28.97

    18                 6.07       22.13       28.94

    19                 5.74       21.34       28.73

    20                 5.44       19.40       26.94

    21                 4.92       15.12       22.23

    22                 3.10       13.04       21.41

    23                 2.13       11.87       19.10

    24                 1.72       11.05       18.56


  SUMMARY             -2.39       15.50       28.97

           NUMBER OF OBSERVATIONS: 2122
```

B.2.4

METEOROLOGICAL DATA COMPOSITE DAY SUMMARIES
FOR SITE 4
1 JUNE 1975 THROUGH 31 AUGUST 1975

WS10	Wind Speed at the 10-m level (mph)
AT10	Air Temperature at the 10-m level (degrees Celsius)

```
              RBOSP    COMPOSITE DAY SUMMARY

          WIND SPEED 10-M: SITE 4   FOR   6/ 1/75  -   6/30/75
      HOUR OF DAY          MINIMUM         MEAN       MAXIMUM

          1                  1.13          3.82         6.90

          2                  0.74          3.92         7.20

          3                  0.86          3.95        14.86

          4                  0.63          3.73         8.09

          5                  1.18          3.66         6.77

          6                  0.59          3.55         7.92

          7                  1.18          2.92         7.14

          8                  1.17          3.67        13.90

          9                  1.77          5.97        16.30

         10                  2.08          7.30        19.70

         11                  2.76          9.32        20.90

         12                  3.78         10.49        21.32

         13                  4.24         11.40        21.90

         14                  2.45         11.59        26.40

         15                  4.17         12.46        23.60

         16                  3.56         12.63        22.18

         17                  3.34         12.02        20.84

         18                  4.61         12.25        20.21

         19                  4.45         10.38        16.92

         20                  1.31          7.23        14.47

         21                  1.21          4.35         8.99

         22                  0.82          4.40         8.49

         23                  1.35          4.00         8.93

         24                  1.56          3.80         6.42


        SUMMARY              0.59          7.00        26.40

               NUMBER OF OBSERVATIONS:   691
```

RBOSP COMPOSITE DAY SUMMARY

AIR TEMPERATURE 10-M: SITE 4 FOR 6/ 1/75 - 6/30/75

HOUR OF DAY	MINIMUM	MEAN	MAXIMUM
1	0.34	6.71	14.20
2	-0.54	5.78	15.67
3	-1.01	5.86	21.29
4	-2.63	4.86	18.40
5	-2.51	4.07	16.52
6	-2.97	3.71	18.01
7	-1.37	5.66	15.32
8	3.75	10.95	19.40
9	5.37	15.26	28.24
10	6.78	17.27	25.70
11	7.04	18.31	26.24
12	8.28	18.92	27.19
13	7.97	19.28	27.52
14	8.07	19.64	28.22
15	6.26	20.29	28.76
16	9.16	20.45	28.48
17	6.69	20.79	28.61
18	8.32	20.28	29.18
19	6.87	19.41	28.93
20	7.48	18.06	26.30
21	6.62	14.28	22.29
22	4.25	11.41	18.95
23	2.16	9.45	18.05
24	1.59	7.67	15.51
SUMMARY	-2.97	13.22	29.18

NUMBER OF OBSERVATIONS: 691

RBOSP COMPOSITE DAY SUMMARY

WIND SPEED 10-M: SITE 4 FOR 7/ 1/75 - 7/31/75

HOUR OF DAY	MINIMUM	MEAN	MAXIMUM
1	1.76	3.93	10.90
2	1.02	3.57	6.80
3	1.75	3.99	12.30
4	1.80	4.17	11.40
5	1.50	3.28	9.60
6	1.58	3.37	5.45
7	0.93	2.70	5.80
8	0.72	2.11	5.48
9	1.05	2.94	8.06
10	1.61	3.87	10.37
11	2.00	5.26	16.08
12	2.72	6.04	16.35
13	2.85	7.46	15.89
14	1.40	6.75	16.43
15	2.10	7.89	19.46
16	3.33	8.53	18.74
17	3.46	8.45	15.79
18	1.88	8.70	16.48
19	3.69	8.21	14.31
20	1.86	6.23	12.77
21	1.09	5.14	18.35
22	1.44	3.92	9.74
23	1.10	4.26	8.18
24	0.90	4.45	10.28
SUMMARY	0.72	5.21	19.46

NUMBER OF OBSERVATIONS: 718

RBOSP COMPOSITE DAY SUMMARY

AIR TEMPERATURE 10-M: SITE 4 FOR 7/ 1/75 - 7/31/75

HOUR OF DAY	MINIMUM	MEAN	MAXIMUM
1	8.25	13.49	20.30
2	4.51	12.34	19.82
3	4.82	11.68	19.16
4	4.57	10.87	16.49
5	3.74	9.97	16.03
6	2.67	9.34	15.67
7	6.30	10.60	15.67
8	9.26	15.61	19.65
9	15.28	20.00	23.25
10	15.03	22.95	28.17
11	16.55	24.89	29.82
12	15.89	26.04	31.00
13	15.66	26.49	31.16
14	16.46	27.17	32.75
15	15.74	27.26	33.14
16	18.78	27.44	31.89
17	19.82	27.68	32.17
18	20.71	27.55	31.88
19	15.86	26.66	31.67
20	16.09	24.82	29.82
21	13.97	21.12	25.31
22	13.74	18.05	23.14
23	12.88	16.11	21.75
24	11.14	14.80	20.92
SUMMARY	2.67	19.69	33.14

NUMBER OF OBSERVATIONS: 718

```
                RBOSP   COMPOSITE DAY SUMMARY

           WIND SPEED 10-M: SITE 4  FOR   8/ 1/75  -   8/31/75
      HOUR OF DAY        MINIMUM       MEAN      MAXIMUM

           1              1.22         3.78        5.86

           2              2.00         4.03        6.78

           3              1.20         3.50        5.46

           4              1.95         3.32        5.85

           5              1.88         3.86        6.14

           6              1.68         3.85        7.09

           7              0.97         3.43        7.43

           8              0.65         2.78        8.57

           9              1.00         4.22       15.68

          10              1.74         5.19       16.08

          11              3.07         7.28       16.99

          12              3.72         8.99       19.63

          13              3.19         9.70       17.69

          14              1.79         9.68       16.68

          15              4.26        11.36       19.18

          16              2.73        12.01       31.23

          17              3.69        10.67       17.13

          18              3.44        10.48       17.86

          19              3.16         9.51       16.78

          20              1.70         4.97        9.31

          21              2.20         5.37       11.86

          22              0.70         4.45        8.51

          23              0.71         3.63        8.48

          24              1.44         4.01        6.33


        SUMMARY           0.65         6.22       31.23

                NUMBER OF OBSERVATIONS:   706
```

RBOSP COMPOSITE DAY SUMMARY

AIR TEMPERATURE 10-M: SITE 4 FOR 8/ 1/75 - 8/31/75

HOUR OF DAY	MINIMUM	MEAN	MAXIMUM
1	4.56	10.31	16.24
2	3.20	9.26	18.30
3	1.30	8.34	18.60
4	1.91	7.30	17.50
5	0.67	6.58	17.46
6	0.34	5.96	16.35
7	-0.53	6.38	15.49
8	5.65	11.88	19.73
9	12.10	17.96	26.58
10	17.27	21.49	28.24
11	19.28	24.01	30.40
12	20.77	25.63	31.03
13	21.23	26.11	31.48
14	22.32	26.41	31.53
15	21.18	26.57	32.15
16	19.64	26.72	32.06
17	21.39	26.84	32.08
18	19.80	26.58	31.50
19	16.83	25.78	30.62
20	19.27	23.63	28.25
21	8.21	17.94	24.64
22	10.75	15.20	21.41
23	7.87	13.56	20.14
24	5.96	11.55	18.12
SUMMARY	-0.53	17.37	32.15

NUMBER OF OBSERVATIONS: 631

RBOSP COMPOSITE DAY SUMMARY

WIND SPEED 10-M: SITE 4 FOR 6/ 1/75 - 8/31/75

HOUR OF DAY	MINIMUM	MEAN	MAXIMUM
1	1.13	3.88	10.90
2	0.74	3.88	7.20
3	0.86	3.83	14.86
4	0.63	3.92	11.40
5	1.18	3.61	9.60
6	0.59	3.59	7.92
7	0.93	3.05	7.43
8	0.65	2.88	13.90
9	1.00	4.40	16.30
10	1.61	5.45	19.70
11	2.00	7.37	20.90
12	2.72	8.60	21.32
13	2.85	9.71	21.90
14	1.40	9.50	26.40
15	2.10	10.66	23.60
16	2.73	11.09	31.23
17	3.34	10.47	20.84
18	1.88	10.53	20.21
19	3.16	9.39	16.92
20	1.31	6.13	14.47
21	1.09	5.06	13.35
22	0.70	4.40	14.80
23	0.71	3.97	8.93
24	0.90	4.14	10.28
SUMMARY	0.59	6.20	31.23

NUMBER OF OBSERVATIONS: 2187

RBOSP COMPOSITE DAY SUMMARY

AIR TEMPERATURE 10-M: SITE 4 FOR 6/ 1/75 - 8/31/75

HOUR OF DAY	MINIMUM	MEAN	MAXIMUM
1	0.34	10.11	20.30
2	-0.54	9.07	19.82
3	-1.01	8.54	21.29
4	-2.63	7.63	18.40
5	-2.51	6.82	17.46
6	-2.97	6.29	18.01
7	-1.37	7.62	15.67
8	3.75	12.91	19.73
9	5.37	17.84	28.24
10	6.78	20.67	28.24
11	7.04	22.48	30.40
12	8.28	23.66	31.03
13	7.97	24.04	31.48
14	8.07	24.46	32.75
15	6.26	24.79	33.14
16	9.16	25.01	32.06
17	6.69	25.20	32.17
18	8.32	24.90	31.88
19	6.87	24.05	31.67
20	7.48	22.23	29.82
21	6.62	17.90	25.31
22	4.25	14.94	23.14
23	2.16	13.08	21.75
24	1.59	11.39	20.92
SUMMARY	-2.97	16.82	33.14

NUMBER OF OBSERVATIONS: 2112

SECTION B.3

WIND SPEED VERSUS WIND DIRECTION SUMMARIES

B.3-1 to B.3-24

10-m RBOSP WIND ROSE DATA FOR 6/75 SITE: 1

DIR.	1-3	3-7	7-12	12-18	18-24	24-UP	TOTAL	AVG. WIND SPEED (MPH)
N	0.6	0.3	0.3	0.0	0.0	0.0	1.1	4.7
NNE	0.4	0.4	0.4	1.0	0.0	0.0	2.3	9.5
NE	0.6	1.4	0.8	0.3	0.0	0.0	3.1	6.3
ENE	0.3	1.6	0.8	0.1	0.0	0.0	2.8	6.2
E	0.4	1.3	0.0	0.0	0.0	0.0	1.7	4.1
ESE	0.3	1.0	0.1	0.0	0.0	0.0	1.4	3.8
SE	0.3	0.4	0.0	0.0	0.0	0.0	0.7	3.5
SSE	0.4	2.0	0.4	0.1	0.0	0.0	3.0	5.3
S	0.7	1.3	0.8	1.1	0.3	0.0	4.2	8.7
SSW	1.7	3.1	4.5	6.4	1.3	0.0	16.9	10.7
SW	0.8	4.4	2.7	0.4	0.0	0.0	8.3	6.7
WSW	0.6	5.8	9.9	2.7	0.1	0.0	19.1	8.7
W	1.1	2.1	8.9	3.7	0.3	0.0	16.1	9.7
WNW	0.4	2.8	2.8	3.5	1.8	0.0	11.4	11.5
NW	1.0	1.1	1.6	1.0	0.1	0.3	5.1	9.3
NNW	0.6	1.6	0.4	0.1	0.0	0.0	2.7	5.7
TOTAL	10.2	30.5	34.6	20.5	4.0	0.3	****	8.8

10-m RBOSP WIND ROSE DATA FOR 7/75 SITE: 1

DIR.	1-3	3-7	7-12	12-18	18-24	24-UP	TOTAL	AVG. WIND SPEED (MPH)
N	0.7	1.0	1.5	0.0	0.0	0.0	3.1	6.2
NNE	0.5	1.6	1.2	0.3	0.1	0.0	3.8	7.2
NE	1.1	2.0	1.9	0.5	0.0	0.0	5.6	6.8
ENE	0.8	3.3	1.5	0.0	0.0	0.0	5.6	5.0
E	0.5	2.5	0.7	0.0	0.0	0.0	3.7	4.9
ESE	0.8	1.9	0.3	0.0	0.0	0.0	3.0	4.4
SE	1.0	0.8	0.4	0.0	0.0	0.0	2.2	4.2
SSE	1.2	1.4	0.3	0.0	0.0	0.0	2.9	4.1
S	1.2	2.2	1.4	0.7	0.0	0.0	5.5	6.5
SSW	0.8	2.3	3.8	0.7	0.0	0.0	7.7	7.6
SW	1.1	6.1	3.8	0.3	0.0	0.0	11.3	6.2
WSW	1.1	6.8	4.6	1.0	0.0	0.0	13.5	7.0
W	1.5	3.3	3.7	0.7	0.0	0.0	9.2	6.5
WNW	1.5	6.3	2.6	0.1	0.3	0.0	10.8	6.2
NW	1.8	2.7	1.9	0.3	0.3	0.0	7.0	6.2
NNW	1.1	1.5	2.0	0.4	0.0	0.0	5.1	6.8
TOTAL	16.8	45.3	31.7	4.9	0.7	0.0	99.9	6.3

10-m RBOSP WIND ROSE DATA FOR 8/75 SITE: 1

DIR.	1-3	3-7	7-12	12-18	18-24	24-UP	TOTAL	AVG. WIND SPEED (MPH)
N	0.6	0.8	0.3	0.0	0.0	0.0	1.7	4.9
NNE	0.1	0.3	0.0	0.0	0.0	0.0	0.4	3.7
NE	0.6	0.7	0.0	0.0	0.0	0.0	1.3	3.3
ENE	0.7	2.1	0.0	0.0	0.0	0.0	2.8	4.1
E	0.4	0.7	0.0	0.0	0.0	0.0	1.1	4.0
ESE	0.1	0.8	0.1	0.0	0.0	0.0	1.1	4.6
SE	0.4	0.6	0.1	0.3	0.0	0.0	1.4	6.0
SSE	0.4	0.8	0.7	0.0	0.0	0.0	2.0	5.3
S	0.7	1.5	1.7	0.7	0.1	0.0	4.8	7.5
SSW	1.0	2.7	5.9	2.5	0.4	0.0	12.5	9.2
SW	1.4	4.9	3.5	1.3	0.0	0.0	11.1	6.8
WSW	1.4	6.5	9.7	2.0	0.1	0.0	19.7	7.9
W	1.5	4.1	9.3	2.3	0.6	0.0	17.7	8.7
WNW	0.8	5.9	4.1	2.3	0.6	0.1	13.8	8.5
NW	1.1	1.0	2.0	0.3	0.3	0.0	4.6	7.5
NNW	1.1	0.7	0.8	0.6	0.0	0.0	3.2	6.4
TOTAL	12.5	34.2	38.3	12.1	2.1	0.1	99.4	7.6

10-m RBOSP WIND ROSE DATA FOR SUMMER SITE: 1

DIR.	1-3	3-7	7-12	12-18	18-24	24-UP	TOTAL	AVG. WIND SPEED (MPH)
N	0.6	0.7	0.7	0.0	0.0	0.0	2.0	5.6
NNE	0.4	0.8	0.6	0.4	0.0	0.0	2.2	7.7
NE	0.7	1.4	0.9	0.3	0.0	0.0	3.3	6.2
ENE	0.6	2.3	0.8	0.0	0.0	0.0	3.8	5.1
E	0.5	1.5	0.2	0.0	0.0	0.0	2.2	4.5
ESE	0.4	1.3	0.2	0.0	0.0	0.0	1.9	4.3
SE	0.6	0.6	0.2	0.1	0.0	0.0	1.4	4.7
SSE	0.7	1.4	0.5	0.0	0.0	0.0	2.6	4.9
S	0.9	1.7	1.3	0.8	0.1	0.0	4.8	7.4
SSW	1.2	2.7	4.7	3.2	0.6	0.0	12.3	9.6
SW	1.1	5.2	3.3	0.7	0.0	0.0	10.3	6.6
WSW	1.0	6.4	8.0	1.9	0.1	0.0	17.4	7.9
W	1.4	3.2	7.3	2.2	0.3	0.0	14.3	8.6
WNW	0.9	5.0	3.2	2.0	0.9	0.0	12.0	8.7
NW	1.3	1.6	1.8	0.5	0.2	0.1	5.6	7.5
NNW	0.9	1.3	1.1	0.4	0.0	0.0	3.7	6.4
TOTAL	13.2	36.9	34.8	12.4	2.2	0.1	99.8	7.6

30-m RBOSP WIND ROSE DATA FOR 6/75 SITE: 1

DIR.	1-3	3-7	7-12	12-18	18-24	24-UP	TOTAL	AVG. WIND SPEED (MPH)
N	0.6	0.8	0.1	0.3	0.0	0.0	1.8	5.8
NNE	0.7	1.3	0.6	0.8	0.0	0.0	3.4	7.9
NE	1.1	0.8	0.6	0.4	0.0	0.0	3.0	6.3
ENE	0.6	1.7	0.6	0.1	0.0	0.0	3.0	5.6
E	0.1	1.3	0.1	0.0	0.0	0.0	1.6	4.4
ESE	0.1	0.7	0.1	0.0	0.0	0.0	1.0	4.8
SE	0.0	0.6	0.3	0.0	0.0	0.0	0.8	6.3
SSE	0.3	1.4	0.7	0.1	0.1	0.0	2.7	7.1
S	0.7	2.5	0.8	1.4	1.3	0.7	7.5	11.8
SSW	0.4	3.5	2.1	4.8	4.4	0.4	15.7	13.4
SW	0.7	2.7	6.5	0.8	0.0	0.0	10.7	7.9
WSW	0.1	2.4	6.9	6.9	0.1	0.1	16.7	11.2
W	0.4	0.8	4.7	5.1	1.3	0.1	12.4	12.6
WNW	0.6	1.1	2.3	3.3	2.5	1.0	10.7	14.6
NW	0.6	1.7	1.6	0.4	0.3	0.0	4.5	8.3
NNW	0.7	2.1	1.0	0.1	0.0	0.0	4.0	5.8
TOTAL	7.8	25.6	29.0	24.8	10.0	2.4	99.6	10.5

30-m RBOSP WIND ROSE DATA FOR 7/75 SITE: 1

DIR.	1-3	3-7	7-12	12-18	18-24	24-UP	TOTAL	AVG. WIND SPEED (MPH)
N	1.1	1.8	1.6	0.3	0.0	0.0	4.8	6.1
NNE	1.2	2.2	2.0	0.5	0.1	0.0	6.1	7.3
NE	0.7	3.1	2.0	0.7	0.1	0.0	6.7	6.9
ENE	0.8	2.7	1.1	0.1	0.0	0.0	4.8	5.4
E	0.5	2.2	0.5	0.1	0.0	0.0	3.4	5.2
ESE	0.5	1.0	0.5	0.0	0.0	0.0	2.0	5.6
SE	0.4	1.4	0.4	0.0	0.0	0.0	2.2	4.8
SSE	0.8	1.4	1.0	0.0	0.0	0.0	3.1	5.0
S	0.7	1.9	1.6	1.2	0.7	0.0	6.1	9.0
SSW	1.2	3.8	4.2	2.2	0.0	0.0	11.5	8.3
SW	0.5	5.3	6.1	0.7	0.0	0.0	12.7	7.4
WSW	0.7	2.0	3.8	1.5	0.1	0.0	8.2	9.0
W	0.5	1.8	2.7	1.4	0.0	0.0	6.4	8.5
WNW	2.0	2.0	1.6	0.8	0.1	0.1	6.8	7.1
NW	1.8	4.9	2.5	0.8	0.3	0.0	10.2	6.6
NNW	0.8	1.9	1.2	0.4	0.0	0.0	4.4	6.2
TOTAL	14.5	39.5	33.2	10.8	1.5	0.1	99.6	7.2

30-m RBOSP WIND ROSE DATA FOR 8/75 SITE: 1

DIR.	1-3	3-7	7-12	12-18	18-24	24-UP	TOTAL	AVG. WIND SPEED (MPH)
N	1.2	0.7	0.1	0.1	0.0	0.0	2.2	4.3
NNE	1.2	0.5	0.0	0.0	0.0	0.0	1.8	2.7
NE	0.5	1.6	0.1	0.0	0.0	0.0	2.3	4.0
ENE	0.3	1.8	0.1	0.0	0.0	0.0	2.2	4.5
E	0.1	0.3	0.4	0.0	0.0	0.0	0.8	5.6
ESE	0.1	0.5	0.3	0.1	0.0	0.0	1.1	6.9
SE	0.3	0.7	0.4	0.1	0.0	0.0	1.5	6.6
SSE	0.3	0.5	0.5	0.3	0.1	0.0	1.8	8.7
S	0.8	2.0	2.2	2.2	0.4	0.0	7.6	9.3
SSW	0.7	2.3	5.3	5.9	0.8	0.1	15.1	11.0
SW	0.7	4.8	9.4	1.2	0.0	0.0	16.1	8.2
WSW	1.6	1.6	6.0	4.6	0.1	0.1	14.1	9.9
W	1.0	1.0	6.3	2.3	1.4	0.3	12.1	11.5
WNW	1.2	1.9	2.3	2.4	0.7	0.1	8.7	9.6
NW	2.3	3.1	2.0	0.7	0.3	0.0	8.4	6.5
NNW	0.5	1.9	0.8	0.4	0.0	0.0	3.7	6.3
TOTAL	12.9	25.3	36.3	20.4	3.8	0.7	99.5	8.8

30-m RBOSP WIND ROSE DATA FOR SUMMER SITE: 1

DIR.	1-3	3-7	7-12	12-18	18-24	24-UP	TOTAL	AVG. WIND SPEED (MPH)
N	1.0	1.1	0.6	0.2	0.0	0.0	2.9	5.6
NNE	1.1	1.3	0.9	0.5	0.0	0.0	3.8	6.7
NE	0.8	1.9	0.9	0.4	0.0	0.0	4.0	6.2
ENE	0.6	2.1	0.6	0.1	0.0	0.0	3.3	5.2
E	0.3	1.2	0.4	0.0	0.0	0.0	1.9	5.0
ESE	0.3	0.7	0.3	0.0	0.0	0.0	1.4	5.8
SE	0.2	0.9	0.4	0.0	0.0	0.0	1.5	5.7
SSE	0.5	1.1	0.7	0.1	0.1	0.0	2.5	6.6
S	0.7	2.2	1.6	1.6	0.8	0.2	7.1	10.1
SSW	0.8	3.2	3.9	4.3	1.7	0.2	14.1	11.1
SW	0.6	4.3	7.4	0.9	0.0	0.0	13.2	7.9
WSW	0.8	2.0	5.6	4.3	0.1	0.1	13.0	10.2
W	0.6	1.2	4.6	2.9	0.9	0.1	10.3	11.3
WNW	1.3	1.7	2.1	2.2	1.1	0.4	8.7	11.0
NW	1.6	3.3	2.0	0.6	0.3	0.0	7.8	6.9
NNW	0.7	2.0	1.0	0.3	0.0	0.0	4.0	6.1
TOTAL	11.3	30.2	32.9	18.6	5.1	1.1	99.5	8.8

60-m RBOSP WIND ROSE DATA FOR 6/75 SITE: 1

DIR.	1-3	3-7	7-12	12-18	18-24	24-UP	TOTAL	AVG. WIND SPEED (MPH)
N	0.1	1.0	0.4	0.1	0.0	0.0	1.7	7.2
NNE	0.3	1.1	0.6	0.9	0.1	0.0	3.0	9.3
NE	1.0	1.7	0.6	0.7	0.0	0.0	4.0	6.5
ENE	0.7	1.1	0.9	0.3	0.0	0.0	3.0	6.5
E	0.4	1.4	0.1	0.0	0.0	0.0	2.0	4.2
ESE	0.6	0.9	0.3	0.0	0.0	0.0	1.7	4.1
SE	0.0	0.7	0.3	0.0	0.0	0.0	1.0	5.9
SSE	0.3	2.4	1.0	0.0	0.0	0.0	3.7	5.1
S	0.6	2.8	0.9	1.0	0.4	0.1	5.8	9.1
SSW	0.4	2.1	2.0	2.1	2.7	3.3	12.7	16.0
SW	0.3	2.3	2.7	6.8	3.6	0.4	16.1	13.9
WSW	0.3	1.1	4.8	5.4	0.9	0.3	12.8	12.2
W	0.1	1.0	3.8	5.8	1.8	0.3	12.9	13.8
WNW	0.4	0.6	1.7	3.8	2.8	1.8	11.2	16.8
NW	0.4	1.0	1.0	1.6	0.6	0.3	4.8	11.8
NNW	0.1	1.1	1.8	0.1	0.0	0.0	3.3	8.0
TOTAL	6.1	22.5	22.9	28.7	12.9	6.5	99.7	12.1

60-m RBOSP WIND ROSE DATA FOR 7/75 SITE: 1

DIR.	1-3	3-7	7-12	12-18	18-24	24-UP	TOTAL	AVG. WIND SPEED (MPH)
N	1.1	1.8	2.5	0.3	0.1	0.0	5.7	7.0
NNE	0.5	2.2	1.6	0.5	0.3	0.0	5.2	7.7
NE	1.5	3.4	2.6	1.5	0.1	0.0	9.2	7.3
ENE	1.0	2.9	2.1	0.1	0.0	0.0	6.0	5.7
E	1.1	1.5	1.2	0.0	0.0	0.0	3.8	5.4
ESE	0.8	1.4	0.8	0.1	0.0	0.0	3.1	5.5
SE	1.1	1.4	0.3	0.0	0.0	0.0	2.7	4.6
SSE	0.4	1.8	0.7	0.0	0.0	0.0	2.9	5.4
S	0.8	2.9	1.8	0.7	0.4	0.0	6.6	7.5
SSW	0.8	3.7	4.2	3.3	0.4	0.0	12.4	9.4
SW	0.7	1.6	5.1	4.8	1.0	0.0	13.1	11.2
WSW	0.8	1.0	2.9	1.4	0.3	0.0	6.3	9.3
W	1.2	0.8	2.5	1.2	0.8	0.0	6.6	9.6
WNW	1.0	0.4	1.9	0.8	0.0	0.3	4.4	9.7
NW	0.4	2.1	1.2	1.1	0.3	0.1	5.2	8.9
NNW	0.5	2.2	2.3	1.0	0.0	0.0	6.0	7.6
TOTAL	13.3	30.9	33.7	16.8	3.7	0.4	99.3	8.2

60-m RBOSP WIND ROSE DATA FOR 8/75 SITE: 1

DIR.	1-3	3-7	7-12	12-18	18-24	24-UP	TOTAL	AVG. WIND SPEED (MPH)
N	1.0	1.6	0.8	0.1	0.0	0.0	3.5	5.5
NNE	0.5	1.6	0.1	0.0	0.0	0.0	2.3	4.5
NE	1.2	1.0	0.0	0.0	0.0	0.0	2.2	3.4
ENE	1.1	1.4	0.4	0.0	0.0	0.0	2.9	4.3
E	0.4	1.5	0.1	0.0	0.0	0.0	2.0	4.3
ESE	0.4	0.8	0.3	0.0	0.0	0.0	1.5	4.6
SE	0.4	1.1	0.3	0.3	0.0	0.0	2.0	5.9
SSE	0.5	1.4	0.5	0.3	0.1	0.0	2.9	6.3
S	1.2	2.3	1.4	1.0	0.1	0.0	6.0	7.1
SSW	1.1	1.5	3.1	5.0	1.4	0.4	12.5	12.3
SW	0.5	1.6	5.4	10.9	2.6	0.0	21.1	13.1
WSW	0.7	1.0	4.8	3.9	0.5	0.1	11.0	11.4
W	0.7	0.8	3.9	3.5	1.2	0.3	10.5	11.7
WNW	0.5	0.5	3.0	2.6	1.5	0.7	8.8	13.8
NW	0.8	1.6	1.4	1.6	0.1	0.1	5.7	9.2
NNW	0.4	1.5	1.4	0.7	0.0	0.0	3.9	7.4
TOTAL	11.6	21.2	26.9	29.9	7.6	1.6	98.9	10.2

60-m R3OSP WIND ROSE DATA FOR SUMMER SITE: 1

DIR.	1-3	3-7	7-12	12-18	18-24	24-UP	TOTAL	AVG. WIND SPEED (MPH)
N	0.7	1.5	1.2	0.2	0.0	0.0	3.7	6.5
NNE	0.5	1.7	0.8	0.5	0.1	0.0	3.5	7.4
NE	1.2	2.0	1.1	0.7	0.0	0.0	5.1	6.5
ENE	0.9	1.8	1.1	0.1	0.0	0.0	4.0	5.6
E	0.6	1.5	0.5	0.0	0.0	0.0	2.6	4.8
ESE	0.6	1.0	0.5	0.0	0.0	0.0	2.1	4.9
SE	0.5	1.1	0.3	0.1	0.0	0.0	1.9	5.2
SSE	0.4	1.8	0.7	0.1	0.0	0.0	3.1	5.5
S	0.9	2.7	1.3	0.9	0.3	0.0	6.1	7.9
SSW	0.8	2.4	3.1	3.5	1.5	1.2	12.5	12.5
SW	0.5	1.8	4.4	7.5	2.4	0.1	16.8	12.9
WSW	0.6	1.0	4.1	3.6	0.6	0.1	10.0	11.3
W	0.7	0.9	3.4	3.5	1.3	0.2	10.0	12.1
WNW	0.6	0.5	2.2	2.4	1.4	0.9	8.1	14.4
NW	0.6	1.6	1.2	1.4	0.3	0.2	5.3	9.9
NNW	0.4	1.6	1.8	0.6	0.0	0.0	4.4	7.6
TOTAL	10.6	24.9	27.9	25.1	8.0	2.8	99.3	10.1

10-m R3OSP WIND ROSE DATA FOR 6/75 SITE: 2

DIR.	1-3	3-7	7-12	12-18	18-24	24-UP	TOTAL	AVG. WIND SPEED (MPH)
N	0.4	1.6	0.7	0.1	0.0	0.0	2.9	5.8
NNE	0.1	1.3	0.9	0.3	0.0	0.0	2.6	7.8
NE	0.3	1.4	0.4	0.1	0.0	0.0	2.3	6.2
ENE	0.1	0.9	1.3	0.0	0.0	0.0	2.3	6.6
E	0.3	1.1	0.3	0.0	0.0	0.0	1.7	4.5
ESE	0.3	2.1	0.3	0.0	0.0	0.0	2.7	4.6
SE	0.7	1.1	0.0	0.0	0.0	0.0	1.9	3.6
SSE	0.0	2.0	0.7	0.3	0.0	0.0	3.0	7.1
S	0.9	1.1	0.6	1.7	0.6	0.0	4.9	10.2
SSW	0.6	1.9	0.6	4.9	2.6	0.4	10.9	13.9
SW	1.0	1.9	3.4	5.7	1.9	0.3	14.2	12.5
WSW	0.9	2.7	8.2	3.7	0.4	0.1	16.0	10.3
W	0.7	5.9	4.0	3.1	2.0	0.1	15.9	10.1
WNW	0.9	3.3	2.9	2.9	2.6	0.9	13.3	12.3
NW	0.1	2.3	0.6	0.6	0.1	0.0	3.7	7.7
NNW	0.3	1.0	0.4	0.1	0.0	0.0	1.9	6.3
TOTAL	7.6	31.6	25.2	23.6	10.2	1.9	****	10.2

10-m RBOSP WIND ROSE DATA FOR 7/75 SITE: 2

DIR.	1-3	3-7	7-12	12-18	18-24	24-UP	TOTAL	AVG. WIND SPEED (MPH)
N	0.8	1.8	1.1	0.1	0.0	0.0	3.8	5.9
NNE	0.3	2.2	1.9	0.3	0.0	0.0	4.6	7.0
NE	0.3	3.5	1.4	0.1	0.0	0.0	5.3	6.4
ENE	0.3	2.0	1.6	0.0	0.0	0.0	4.0	6.2
E	0.5	0.8	1.0	0.0	0.0	0.0	2.3	5.4
ESE	0.5	3.1	0.8	0.0	0.1	0.0	4.6	5.6
SE	0.1	1.5	0.8	0.0	0.0	0.0	2.5	5.6
SSE	0.3	1.4	1.4	0.1	0.0	0.0	3.1	6.7
S	0.4	1.8	1.6	0.8	0.0	0.0	4.6	8.1
SSW	0.4	1.5	4.6	3.1	0.0	0.0	9.7	10.2
SW	1.1	1.9	4.9	3.4	0.1	0.0	11.5	9.6
WSW	0.7	3.8	3.3	1.0	0.3	0.0	9.0	7.6
W	1.0	8.7	3.4	1.0	0.0	0.0	14.1	6.3
WNW	1.4	6.7	1.6	0.7	0.3	0.1	10.8	6.2
NW	1.0	2.9	1.5	0.3	0.0	0.0	5.6	5.7
NNW	0.8	2.3	0.7	0.5	0.0	0.0	4.4	6.1
TOTAL	9.8	46.0	31.7	11.5	0.8	0.1	99.9	7.2

10-m RBOSP WIND ROSE DATA FOR 3/75 SITE: 2

DIR.	1-3	3-7	7-12	12-18	18-24	24-UP	TOTAL	AVG. WIND SPEED (MPH)
N	0.4	0.3	0.1	0.0	0.0	0.0	0.8	3.3
NNE	0.0	1.1	0.0	0.0	0.0	0.0	1.1	5.0
NE	0.3	0.1	0.1	0.0	0.0	0.0	0.5	3.7
ENE	0.0	1.1	0.1	0.0	0.0	0.0	1.2	5.0
E	0.3	1.2	0.0	0.0	0.0	0.0	1.5	4.2
ESE	0.1	0.5	0.0	0.0	0.0	0.0	0.7	3.7
SE	0.3	1.0	1.0	0.3	0.0	0.1	2.6	8.3
SSE	0.1	0.5	0.3	0.4	0.0	0.0	1.4	8.6
S	0.5	6.1	1.2	0.8	0.3	0.0	9.0	7.5
SSW	0.7	1.4	3.9	6.3	0.5	0.0	12.8	11.3
SW	0.4	0.7	4.8	8.3	4.4	0.0	18.5	14.1
WSW	0.4	2.9	7.1	2.4	0.3	0.0	13.1	9.5
W	0.5	7.3	3.8	1.4	0.3	0.3	13.6	7.7
WNW	0.8	4.9	2.2	1.8	0.8	0.5	11.0	9.4
NW	0.4	0.8	1.6	6.8	0.1	0.0	9.8	10.7
NNW	0.4	1.0	1.0	0.0	0.0	0.0	2.3	6.2
TOTAL	5.7	30.9	27.2	28.4	6.7	1.0	99.9	9.8

10-m RBOSP WIND ROSE DATA FOR SUMMER SITE: 2

DIR.	1-3	3-7	7-12	12-18	18-24	24-UP	TOTAL	AVG. WIND SPEED (MPH)
N	0.6	1.2	0.6	0.1	0.0	0.0	2.5	5.6
NNE	0.1	1.5	0.9	0.2	0.0	0.0	2.8	7.0
NE	0.3	1.7	0.6	0.1	0.0	0.0	2.7	6.2
ENE	0.1	1.3	1.0	0.0	0.0	0.0	2.5	6.1
E	0.4	1.1	0.4	0.0	0.0	0.0	1.8	4.8
ESE	0.3	1.9	0.4	0.0	0.0	0.0	2.7	5.1
SE	0.4	1.2	0.6	0.1	0.0	0.0	2.3	6.1
SSE	0.1	1.3	0.8	0.3	0.0	0.0	2.5	7.2
S	0.6	3.0	1.2	1.1	0.3	0.0	6.2	8.3
SSW	0.6	1.6	3.1	4.8	1.0	0.1	11.1	11.8
SW	0.8	1.5	4.4	5.8	2.1	0.1	14.7	12.4
WSW	0.6	3.1	6.1	2.4	0.3	0.0	12.6	9.4
W	0.7	7.3	3.7	1.8	0.7	0.1	14.5	8.1
WNW	1.0	5.0	2.2	1.8	1.2	0.5	11.7	9.4
NW	0.5	2.0	1.2	2.6	0.1	0.0	6.4	8.7
NNW	0.5	1.4	0.7	0.2	0.0	0.0	2.9	6.2
TOTAL	7.7	36.2	28.1	21.1	5.8	1.0	99.9	9.0

10-m RBOSP WIND ROSE DATA FOR 6/75 SITE: 3

DIR.	1-3	3-7	7-12	12-18	18-24	24-UP	TOTAL	AVG. WIND SPEED (MPH)
N	0.0	0.8	0.4	0.0	0.0	0.0	1.3	5.7
NNE	0.1	1.0	0.3	0.0	0.0	0.0	1.4	5.5
NE	0.7	1.8	0.3	0.1	0.0	0.0	2.9	5.1
ENE	0.1	3.8	1.5	0.1	0.0	0.0	5.6	6.1
E	0.8	3.2	0.7	0.1	0.0	0.0	4.9	5.3
ESE	0.4	0.8	0.0	0.0	0.0	0.0	1.3	4.2
SE	0.0	0.6	0.0	0.0	0.0	0.0	0.6	4.5
SSE	0.0	0.4	0.0	0.0	0.0	0.0	0.4	5.0
S	0.3	0.4	0.0	0.1	0.0	0.0	0.8	5.7
SSW	0.0	0.4	1.0	0.8	0.0	0.0	2.2	10.6
SW	0.6	1.1	3.2	3.6	0.6	0.0	9.1	11.1
WSW	1.1	3.9	4.1	2.8	0.8	0.0	12.8	9.1
W	1.8	18.9	10.1	3.5	0.8	0.1	35.3	7.4
WNW	1.1	7.0	7.4	1.5	0.6	0.0	17.7	7.8
NW	0.6	1.1	0.7	0.1	0.0	0.0	2.5	5.7
NNW	0.0	0.4	0.4	0.0	0.0	0.0	0.8	7.5
TOTAL	7.7	45.9	30.2	13.0	2.8	0.1	99.7	7.7

10-m RBOSP WIND ROSE DATA FOR 7/75 SITE: 3

DIR.	1-3	3-7	7-12	12-18	18-24	24-UP	TOTAL	AVG. WIND SPEED (MPH)
N	0.1	0.5	0.4	0.0	0.0	0.0	1.1	5.7
NNE	0.1	0.9	0.1	0.0	0.0	0.0	1.2	5.0
NE	0.3	3.0	1.4	0.1	0.0	0.0	4.7	6.1
ENE	1.5	4.6	2.6	0.3	0.0	0.0	8.9	6.1
E	0.7	8.9	0.8	0.0	0.0	0.0	10.4	5.1
ESE	0.8	1.2	0.7	0.0	0.0	0.0	2.7	4.7
SE	0.3	0.8	0.4	0.0	0.0	0.0	1.5	5.1
SSE	0.5	0.5	0.1	0.0	0.0	0.0	1.2	3.8
S	0.3	0.7	0.3	0.0	0.0	0.0	1.2	5.4
SSW	0.3	0.8	1.1	0.1	0.0	0.0	2.3	7.2
SW	0.5	2.8	3.0	0.1	0.0	0.0	6.5	7.3
WSW	0.8	3.2	4.1	1.2	0.0	0.0	9.3	7.8
W	1.6	19.1	5.3	0.9	0.0	0.0	26.9	6.1
WNW	1.2	10.8	5.5	0.1	0.1	0.0	17.9	6.4
NW	0.9	1.2	0.7	0.0	0.0	0.0	2.8	5.0
NNW	0.3	0.5	0.4	0.0	0.0	0.0	1.2	5.4
TOTAL	10.3	59.8	26.8	3.0	0.1	0.0	****	6.2

10-m RBOSP WIND ROSE DATA FOR 8/75 SITE: 3

DIR.	1-3	3-7	7-12	12-18	18-24	24-UP	TOTAL	AVG. WIND SPEED (MPH)
N	0.3	0.1	0.3	0.0	0.0	0.0	0.7	4.3
NNE	0.0	0.3	0.0	0.0	0.0	0.0	0.3	4.6
NE	0.4	0.4	0.0	0.0	0.0	0.0	0.8	3.3
ENE	0.4	2.3	0.3	0.0	0.0	0.0	3.0	4.8
E	1.2	5.0	0.3	0.0	0.0	0.0	6.5	4.4
ESE	0.3	0.7	0.1	0.0	0.0	0.0	1.1	4.9
SE	0.3	0.3	0.3	0.0	0.0	0.0	0.8	4.6
SSE	0.3	0.1	0.5	0.0	0.0	0.0	1.0	6.3
S	0.0	0.3	0.4	0.0	0.0	0.0	0.7	7.2
SSW	0.4	0.7	0.8	0.1	0.0	0.0	2.0	7.0
SW	0.4	1.1	4.9	2.7	0.3	0.0	9.4	10.3
WSW	1.0	5.2	8.2	2.9	0.1	0.0	17.3	9.0
W	1.6	18.0	12.4	1.9	0.4	0.0	34.3	7.0
WNW	0.4	7.1	10.9	1.0	0.3	0.0	19.6	7.9
NW	0.8	0.3	0.5	0.1	0.0	0.0	1.8	5.9
NNW	0.0	0.3	0.4	0.0	0.0	0.0	0.7	6.7
TOTAL	7.8	42.1	40.3	8.7	1.1	0.0	****	7.5

10-m RBOSP WIND ROSE DATA FOR SUMMER SITE: 3

DIR.	1-3	3-7	7-12	12-18	18-24	24-UP	TOTAL	AVG. WIND SPEED (MPH)
N	0.1	0.5	0.4	0.0	0.0	0.0	1.0	5.4
NNE	0.1	0.7	0.1	0.0	0.0	0.0	1.0	5.2
NE	0.5	1.7	0.5	0.1	0.0	0.0	2.8	5.5
ENE	0.7	3.6	1.5	0.1	0.0	0.0	5.9	5.9
E	0.9	5.8	0.6	0.0	0.0	0.0	7.3	4.9
ESE	0.5	0.9	0.3	0.0	0.0	0.0	1.7	4.6
SE	0.2	0.5	0.2	0.0	0.0	0.0	1.0	4.9
SSE	0.3	0.4	0.2	0.0	0.0	0.0	0.9	4.9
S	0.2	0.5	0.2	0.0	0.0	0.0	0.9	6.0
SSW	0.2	0.6	1.0	0.4	0.0	0.0	2.2	8.3
SW	0.5	1.7	3.7	2.2	0.3	0.0	8.3	9.8
WSW	1.0	4.1	5.4	2.3	0.3	0.0	13.1	8.8
W	1.7	18.7	9.2	2.1	0.4	0.0	32.2	6.9
WNW	0.9	8.3	8.0	0.9	0.3	0.0	18.4	7.4
NW	0.8	0.9	0.6	0.1	0.0	0.0	2.4	5.5
NNW	0.1	0.4	0.4	0.0	0.0	0.0	0.9	6.4
TOTAL	8.6	49.3	32.4	8.2	1.3	0.0	99.9	7.1

10-m RBOSP WIND ROSE DATA FOR 6/75 SITE: 4

DIR.	1-3	3-7	7-12	12-18	18-24	24-UP	TOTAL	AVG. WIND SPEED (MPH)
N	1.0	1.4	1.3	0.6	0.0	0.0	4.2	6.9
NNE	1.1	4.1	1.1	0.3	0.0	0.0	6.6	5.6
NE	0.7	2.7	0.7	0.0	0.0	0.0	4.1	5.1
ENE	0.4	0.8	0.0	0.0	0.0	0.0	1.3	3.6
E	0.8	0.6	0.0	0.0	0.0	0.0	1.4	3.3
ESE	0.0	0.3	0.1	0.0	0.0	0.0	0.4	4.3
SE	0.6	0.4	0.1	0.0	0.0	0.0	1.1	4.0
SSE	1.0	1.0	0.8	0.4	0.1	0.0	3.4	6.9
S	3.2	4.6	1.3	2.8	1.4	0.0	13.3	8.0
SSW	5.3	17.8	2.7	3.2	3.1	0.0	32.0	7.0
SW	3.4	7.0	1.7	1.3	0.3	0.1	13.7	6.0
WSW	0.1	1.1	3.4	2.4	0.0	0.0	7.0	10.3
W	0.3	1.1	2.0	1.7	0.1	0.0	5.2	10.2
WNW	0.6	1.0	0.7	0.3	0.0	0.0	2.5	6.4
NW	0.1	0.8	0.4	0.1	0.0	0.0	1.5	6.7
NNW	0.3	0.8	0.4	0.1	0.0	0.0	1.7	6.3
TOTAL	18.9	45.5	16.6	13.1	5.0	0.1	99.3	7.0

10-m RBOSP WIND ROSE DATA FOR 7/75 SITE: 4

DIR.	1-3	3-7	7-12	12-18	18-24	24-UP	TOTAL	AVG. WIND SPEED (MPH)
N	0.4	1.9	0.8	0.0	0.0	0.0	3.1	5.6
NNE	1.2	2.6	3.1	0.7	0.0	0.0	7.6	7.0
NE	1.5	3.6	2.2	0.7	0.0	0.0	8.0	6.1
ENE	1.2	2.8	0.9	0.0	0.0	0.0	5.0	4.8
E	0.8	0.7	0.3	0.0	0.0	0.0	1.8	3.8
ESE	0.5	1.5	0.1	0.0	0.0	0.0	2.2	3.4
SE	0.5	1.2	0.3	0.0	0.0	0.0	2.0	4.9
SSE	0.8	1.8	0.7	0.1	0.0	0.0	3.4	5.6
S	1.1	2.8	1.1	0.4	0.0	0.0	5.4	6.1
SSW	4.5	9.2	2.8	1.1	0.3	0.0	17.8	5.6
SW	6.5	18.1	1.8	1.2	0.0	0.0	27.6	4.4
WSW	3.2	3.1	1.1	0.3	0.1	0.0	7.8	4.8
W	0.0	1.5	0.7	0.0	0.0	0.0	2.2	6.3
WNW	0.3	1.1	0.3	0.1	0.0	0.0	1.8	6.0
NW	0.7	0.8	0.8	0.0	0.0	0.0	2.3	5.0
NNW	0.0	0.5	0.4	0.0	0.0	0.0	0.9	6.7
TOTAL	23.2	53.2	17.3	4.6	0.4	0.0	98.8	5.2

10-m RBOSP WIND ROSE DATA FOR 8/75 SITE: 4

DIR.	1-3	3-7	7-12	12-18	18-24	24-UP	TOTAL	AVG. WIND SPEED (MPH)
N	0.6	0.7	0.4	0.0	0.0	0.0	1.7	4.9
NNE	0.4	1.5	0.1	0.0	0.0	0.0	2.1	4.1
NE	0.6	3.9	0.3	0.0	0.0	0.0	4.7	4.4
ENE	1.5	1.7	0.0	0.0	0.0	0.0	3.2	3.3
E	0.4	1.0	0.0	0.0	0.0	0.0	1.4	3.6
ESE	0.1	0.8	0.1	0.0	0.0	0.0	1.1	4.8
SE	0.3	0.4	0.1	0.0	0.0	0.1	1.0	8.2
SSE	0.6	0.1	1.1	0.1	0.0	0.0	1.9	7.0
S	0.4	1.1	1.4	0.7	0.0	0.0	3.6	7.1
SSW	2.3	5.1	2.9	2.5	0.3	0.0	13.1	7.4
SW	5.5	22.4	3.7	6.2	0.6	0.0	38.4	6.4
WSW	2.2	8.6	1.7	1.1	0.1	0.0	13.7	5.6
W	0.1	1.1	2.1	0.8	0.0	0.0	4.1	8.9
WNW	0.3	0.4	3.0	0.7	0.0	0.0	4.4	8.9
NW	0.4	1.8	0.8	0.0	0.0	0.0	3.0	5.7
NNW	0.4	1.0	0.3	0.1	0.0	0.0	1.8	4.6
TOTAL	16.2	51.5	18.1	12.3	1.0	0.1	99.2	6.3

10-m R80SP WIND ROSE DATA FOR SUMMER SITE: 4

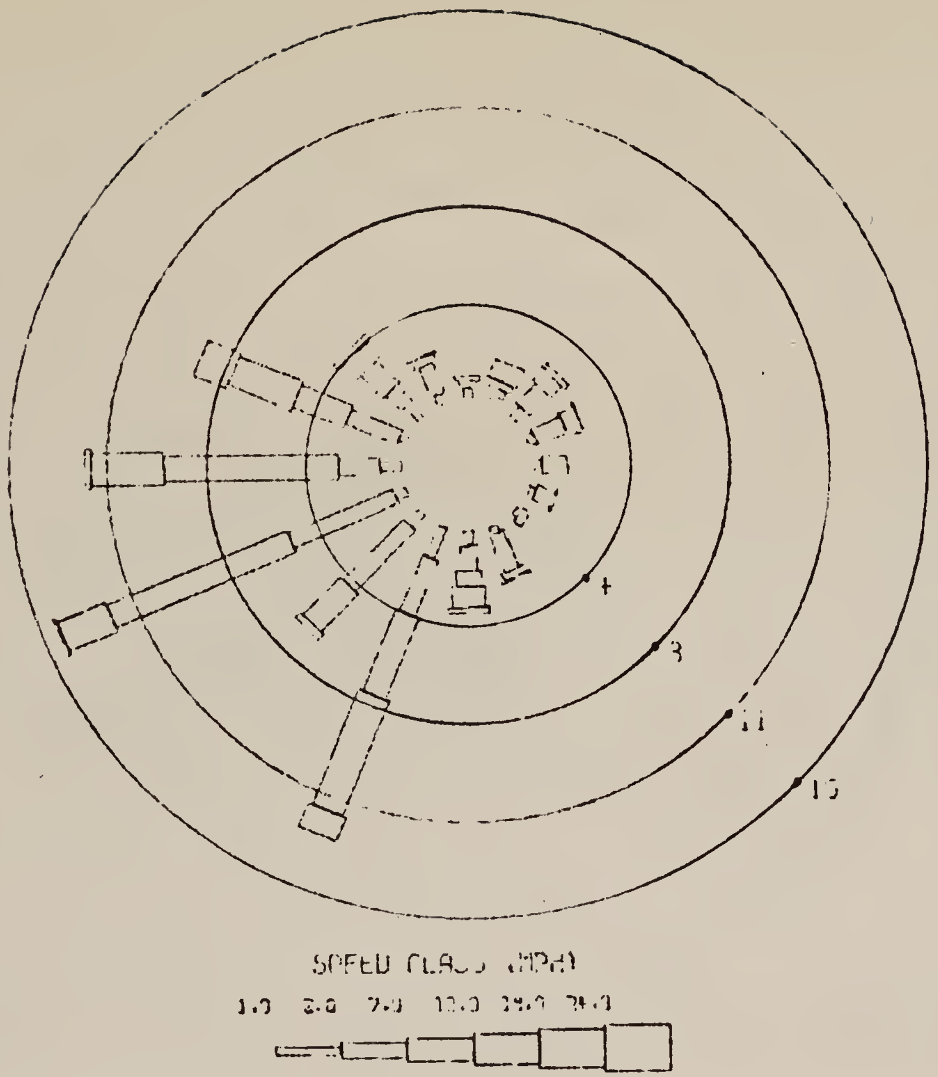
DIR.	1-3	3-7	7-12	12-18	18-24	24-UP	TOTAL	AVG. WIND SPEED (MPH)
N	0.6	1.3	0.8	0.2	0.0	0.0	3.0	6.1
NNE	0.9	2.7	1.5	0.3	0.0	0.0	5.4	6.1
NE	0.9	3.4	1.1	0.2	0.0	0.0	5.6	5.4
ENE	1.1	1.8	0.3	0.0	0.0	0.0	3.2	4.2
E	0.7	0.7	0.1	0.0	0.0	0.0	1.5	3.6
ESE	0.2	0.9	0.1	0.0	0.0	0.0	1.2	3.9
SE	0.5	0.7	0.2	0.0	0.0	0.0	1.4	5.4
SSE	0.8	1.0	0.9	0.2	0.0	0.0	2.9	6.4
S	1.6	2.8	1.2	1.3	0.5	0.0	7.4	7.4
SSW	4.0	10.6	2.8	2.2	1.2	0.0	20.9	6.7
SW	5.1	15.9	2.4	2.9	0.3	0.0	26.6	5.6
WSW	1.9	4.3	2.0	1.2	0.1	0.0	9.5	6.5
W	0.1	1.2	1.6	0.8	0.0	0.0	3.8	9.0
WNW	0.4	0.8	1.3	0.4	0.0	0.0	2.9	7.6
NW	0.4	1.1	0.7	0.0	0.0	0.0	2.3	5.7
NNW	0.2	0.8	0.4	0.1	0.0	0.0	1.5	5.7
TOTAL	19.5	50.1	17.3	10.0	2.1	0.1	99.1	6.1

SECTION B.4

WIND ROSE PLOTS
SUMMER 1975

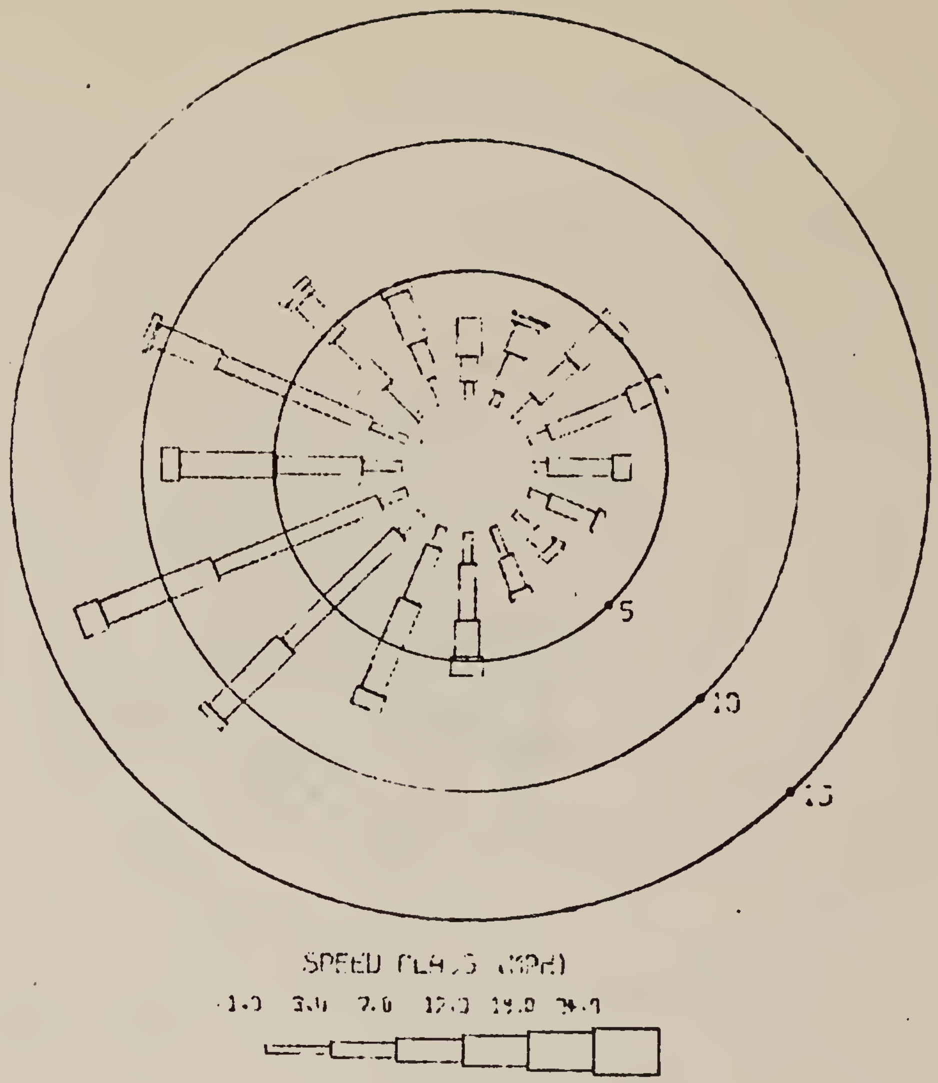
Circular divisions represent percent of occurrence of wind speed class.

B.4-1 to B.4-13



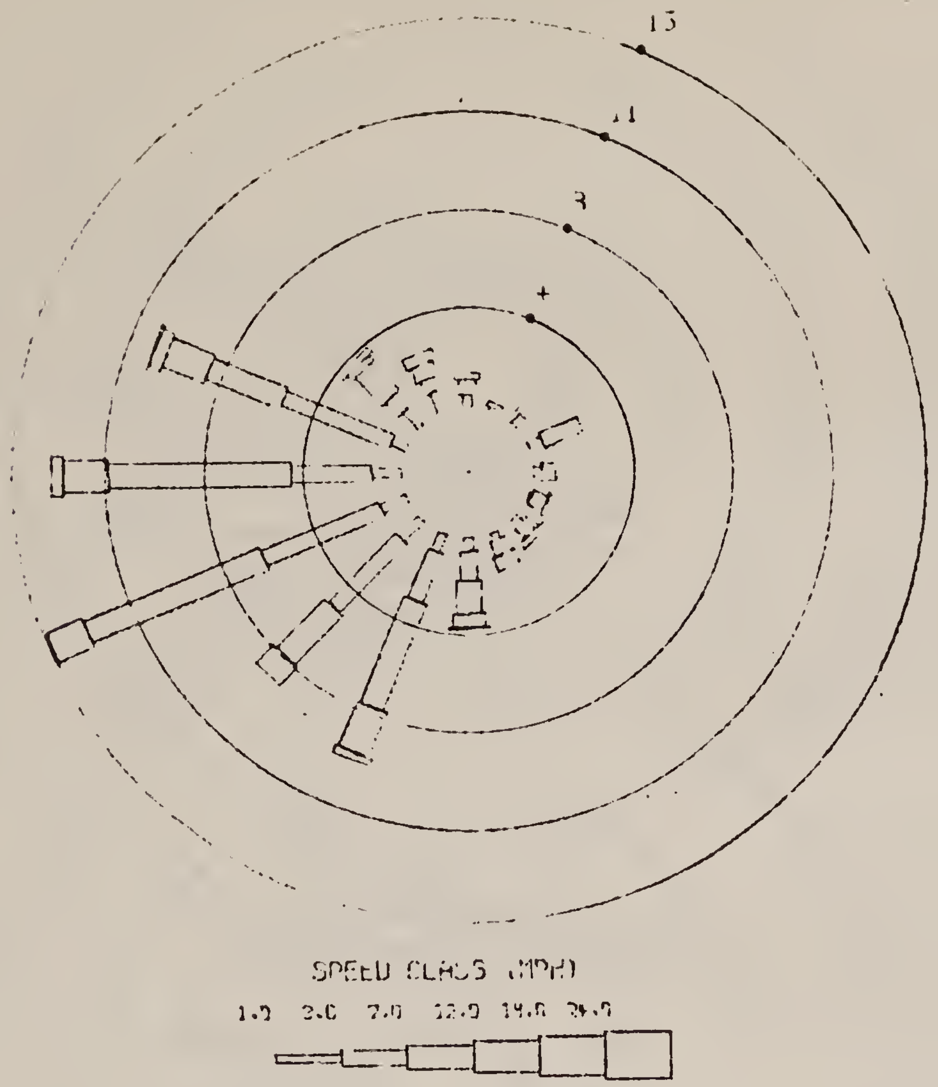
OBSSP SITE 1 WIND ROSE 6/79

10 m



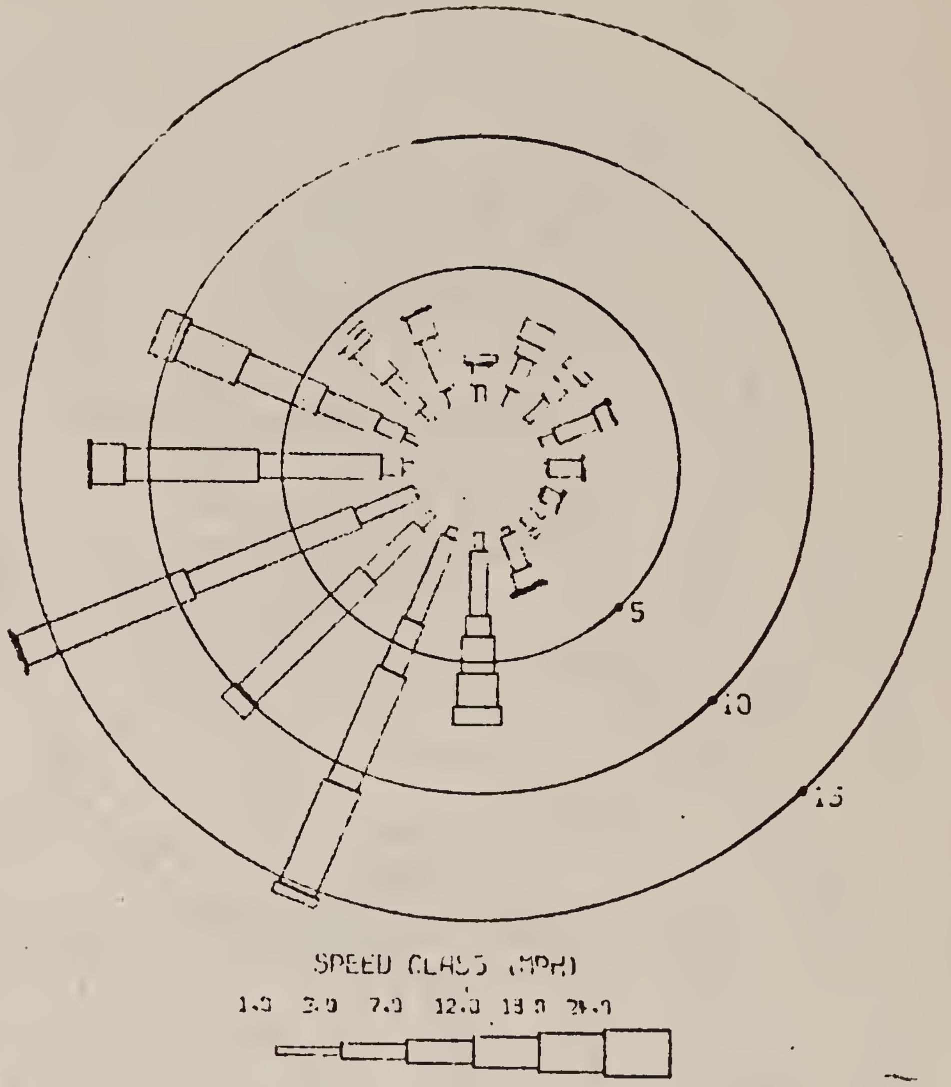
OBSSP SITE 1 WIND ROSE 7/79

10 m



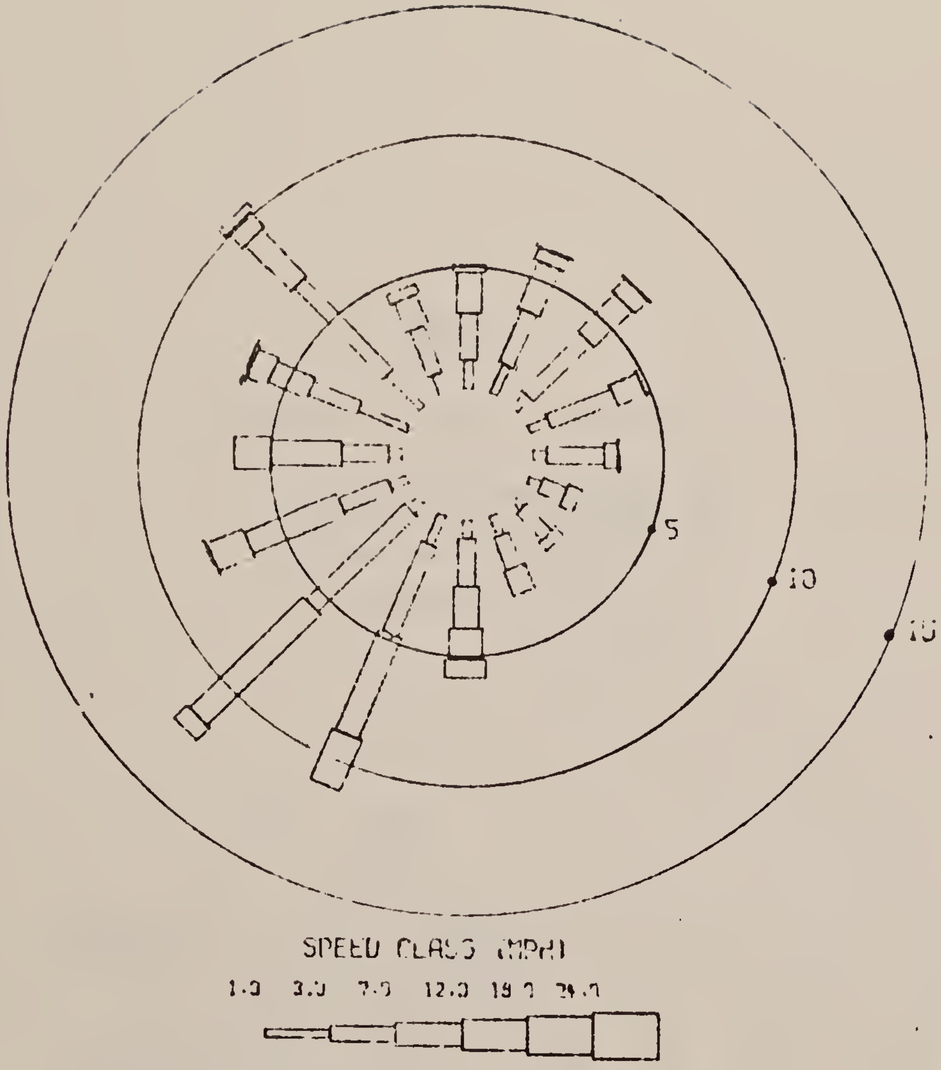
RBOSP SITE 1 WIND ROSE 6/75

10 m



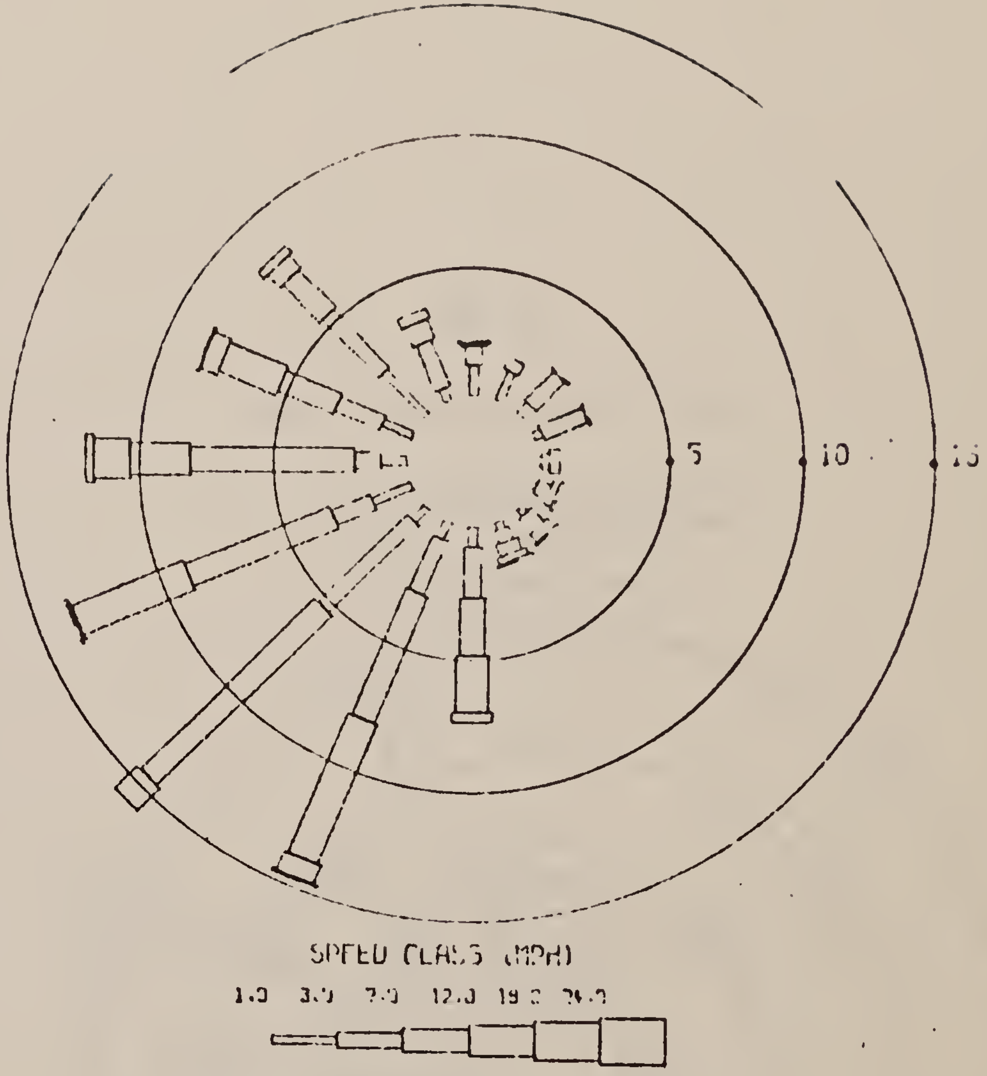
RBOSP SITE 1 WIND ROSE 6/75

30 m



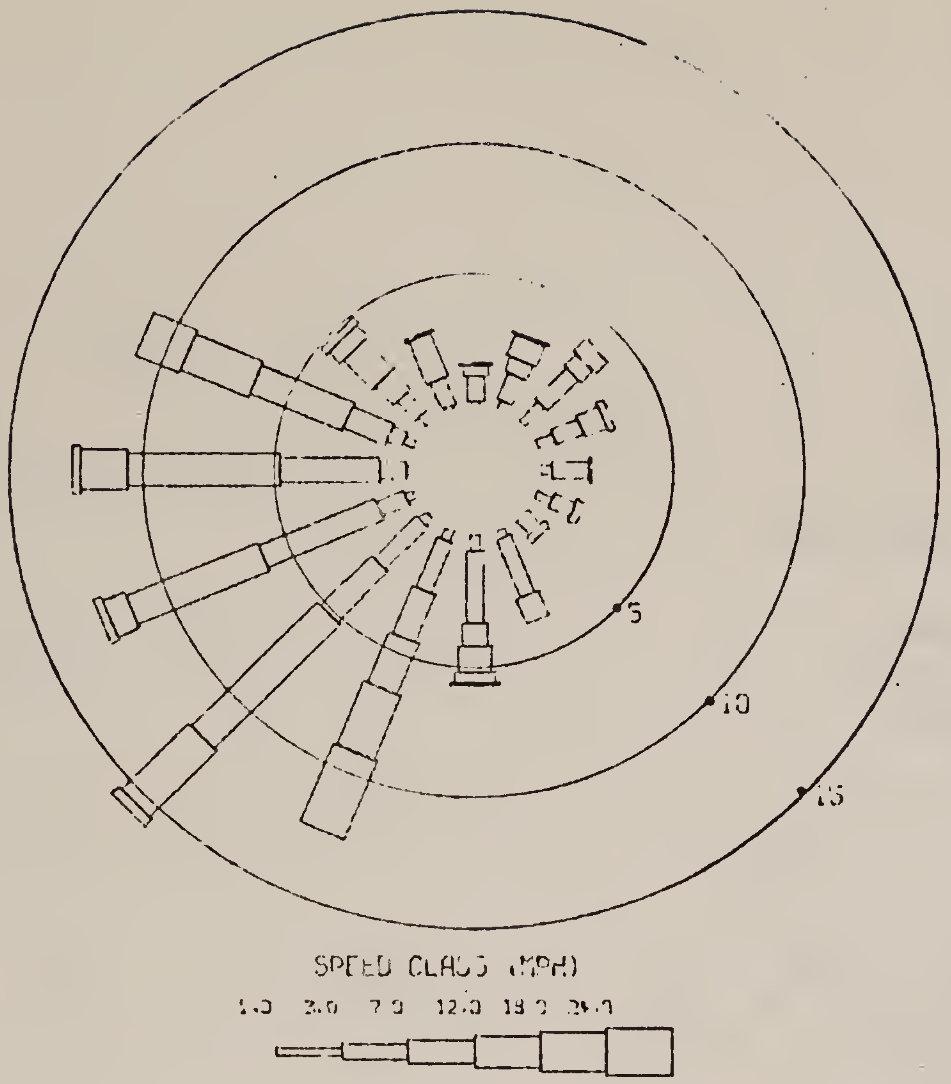
PBGSP SITE 1 WIND ROSE 7/75

30 m



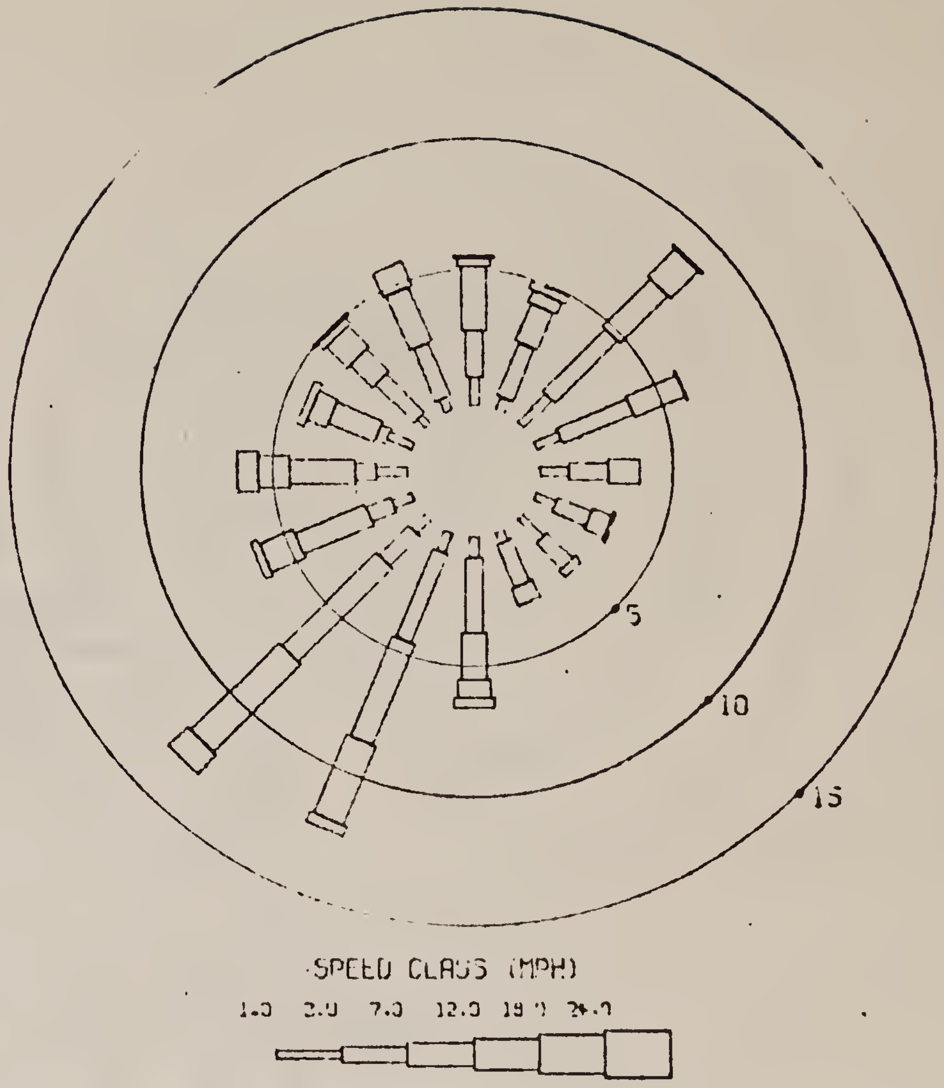
PBGSP SITE 1 WIND ROSE 8/75

30 m



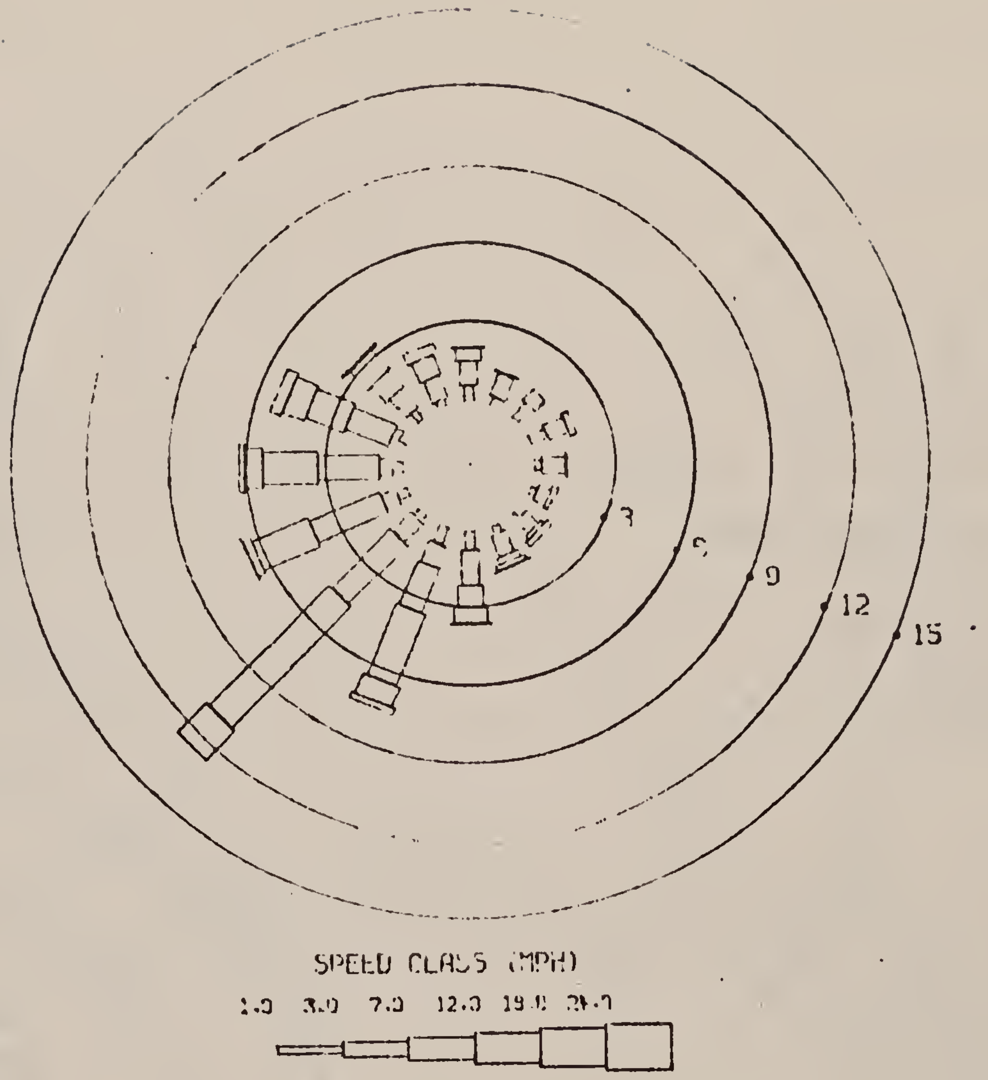
RBGSP SITE 1 WIND ROSE 6/75

60 m



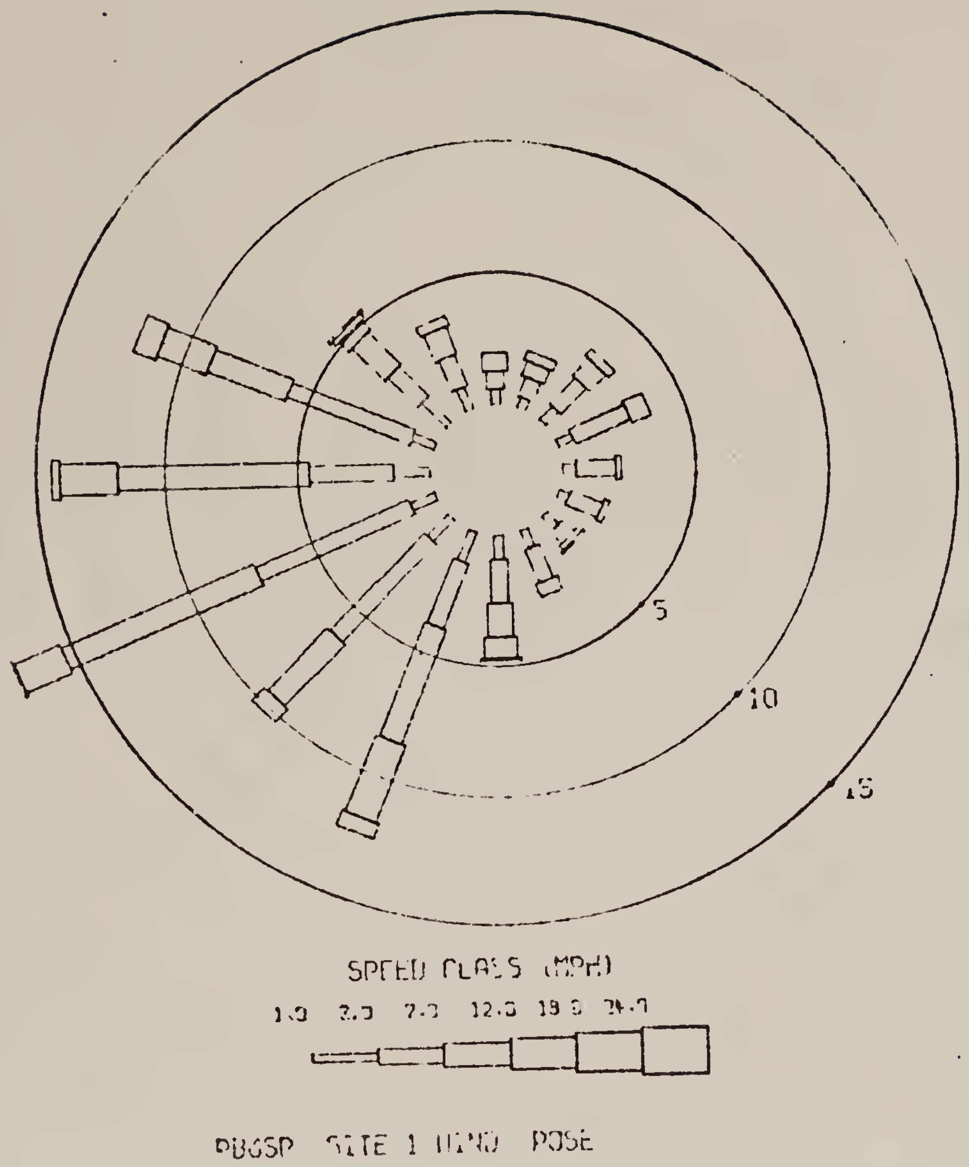
RBGSP SITE 1 WIND ROSE 7/75

60 m

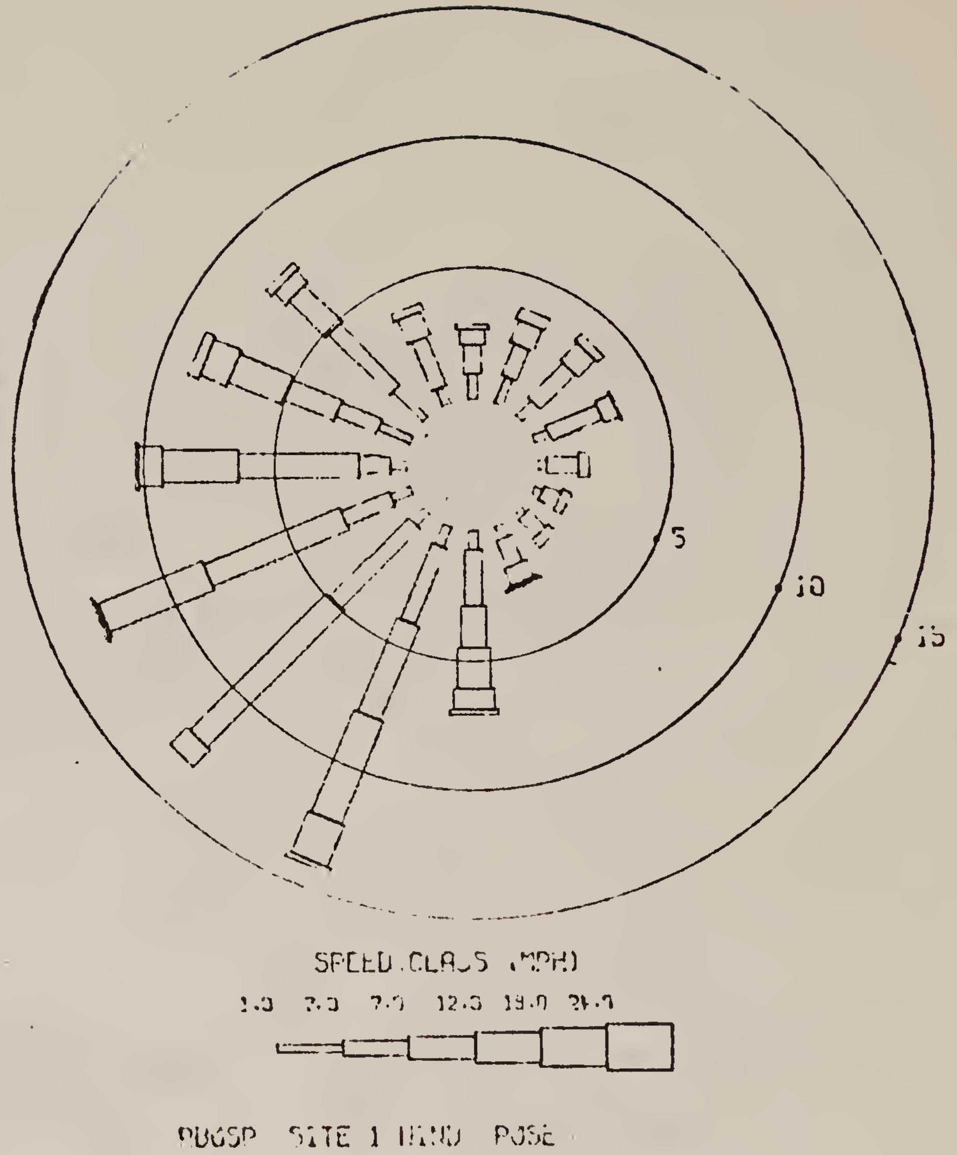


RBOSP SITE 1 WIND ROSE 5/75

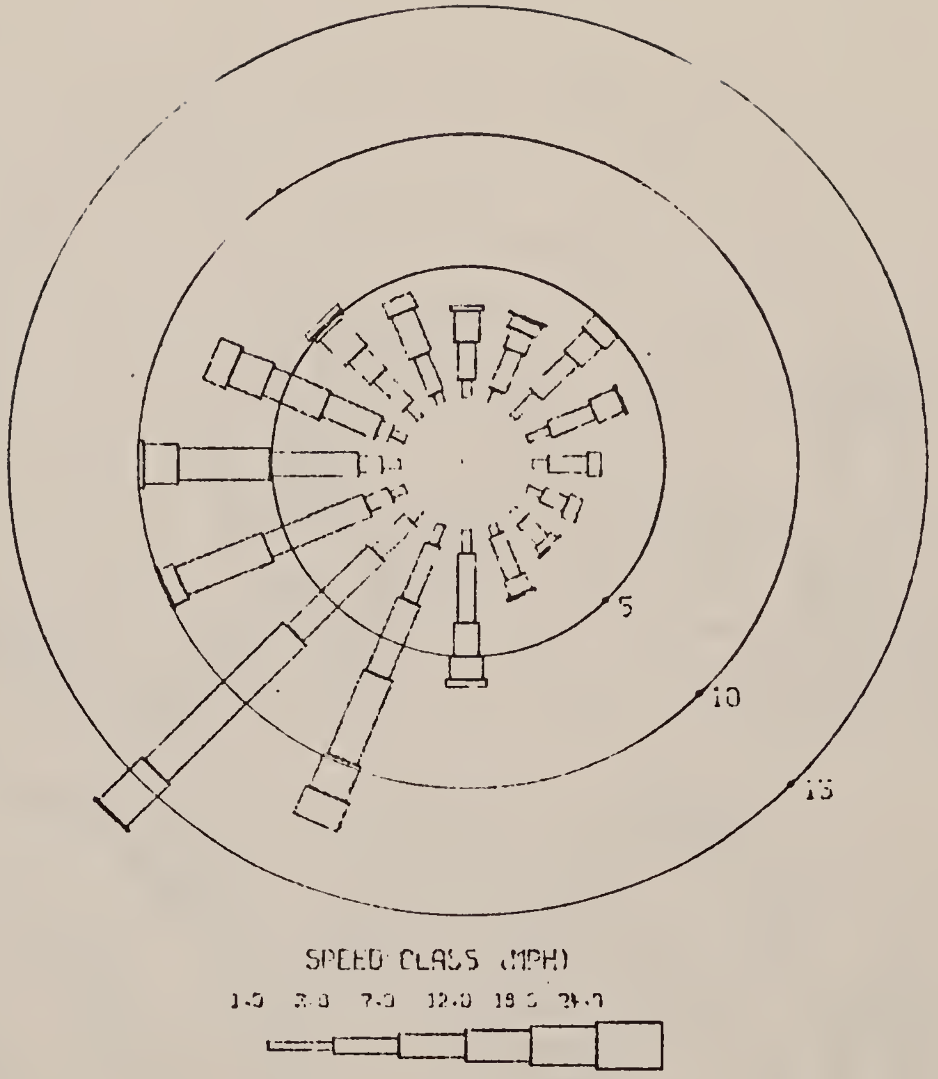
60 m



10 m
Summer



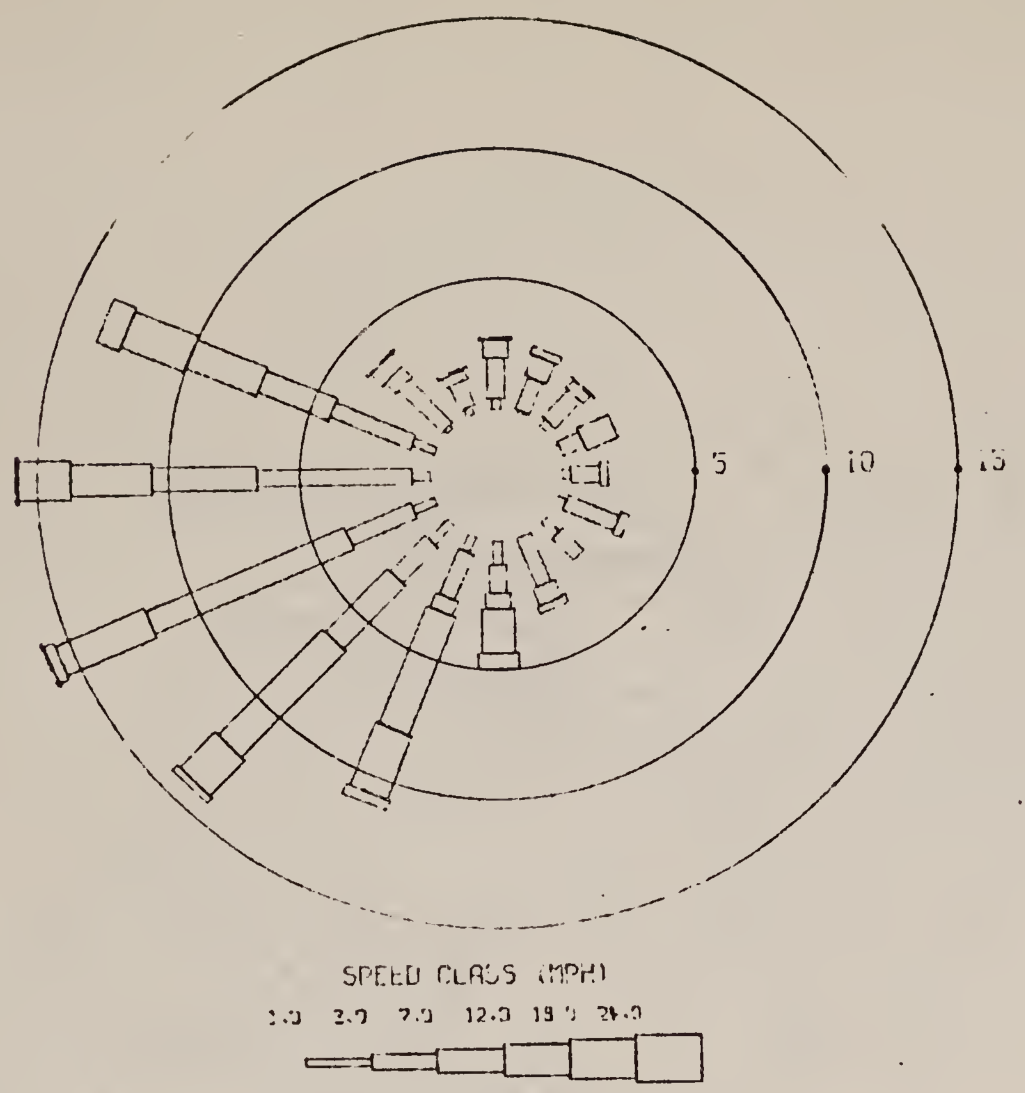
30 m
Summer



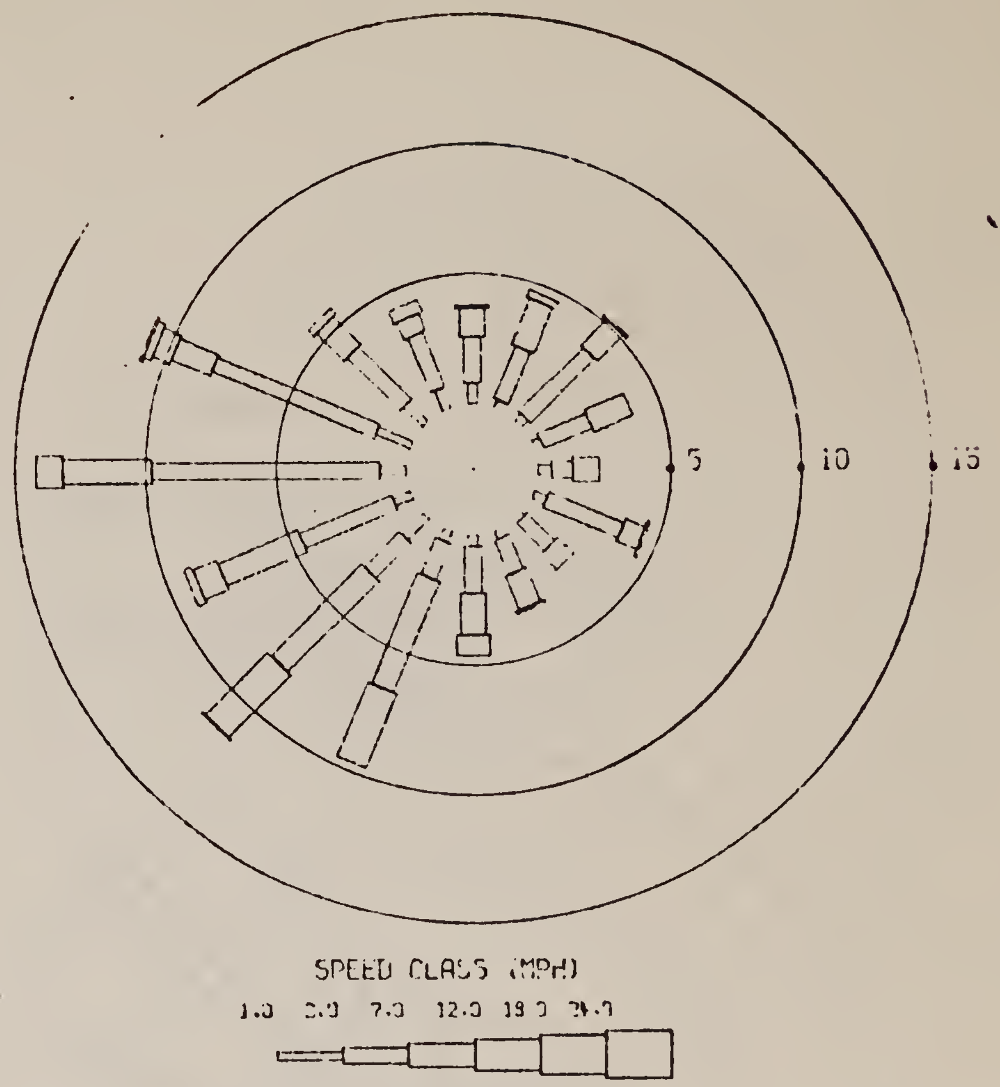
PBGSP SITE 1 WIND ROSE

60 m

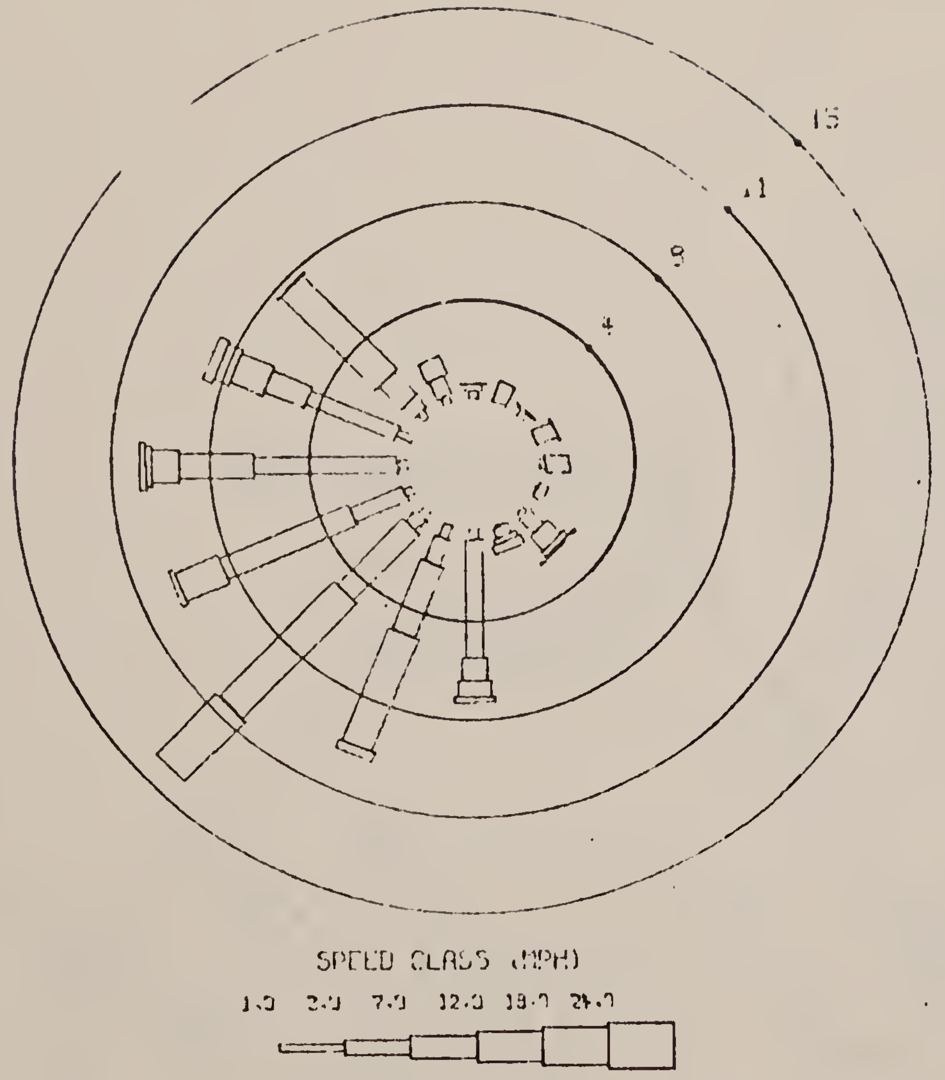
Summer



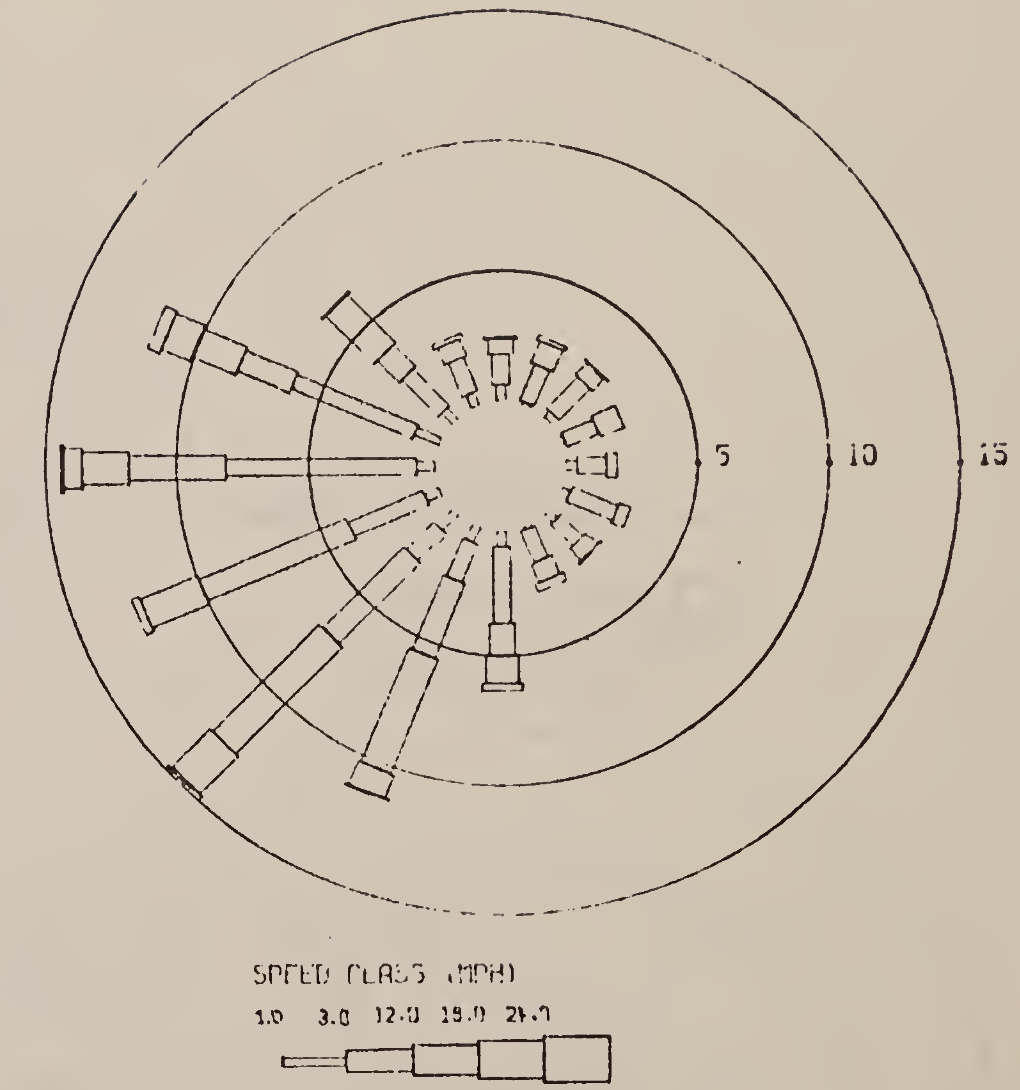
RBOSP SITE 2 WIND ROSE 6/75



RBOSP SITE 2 WIND ROSE 7/75

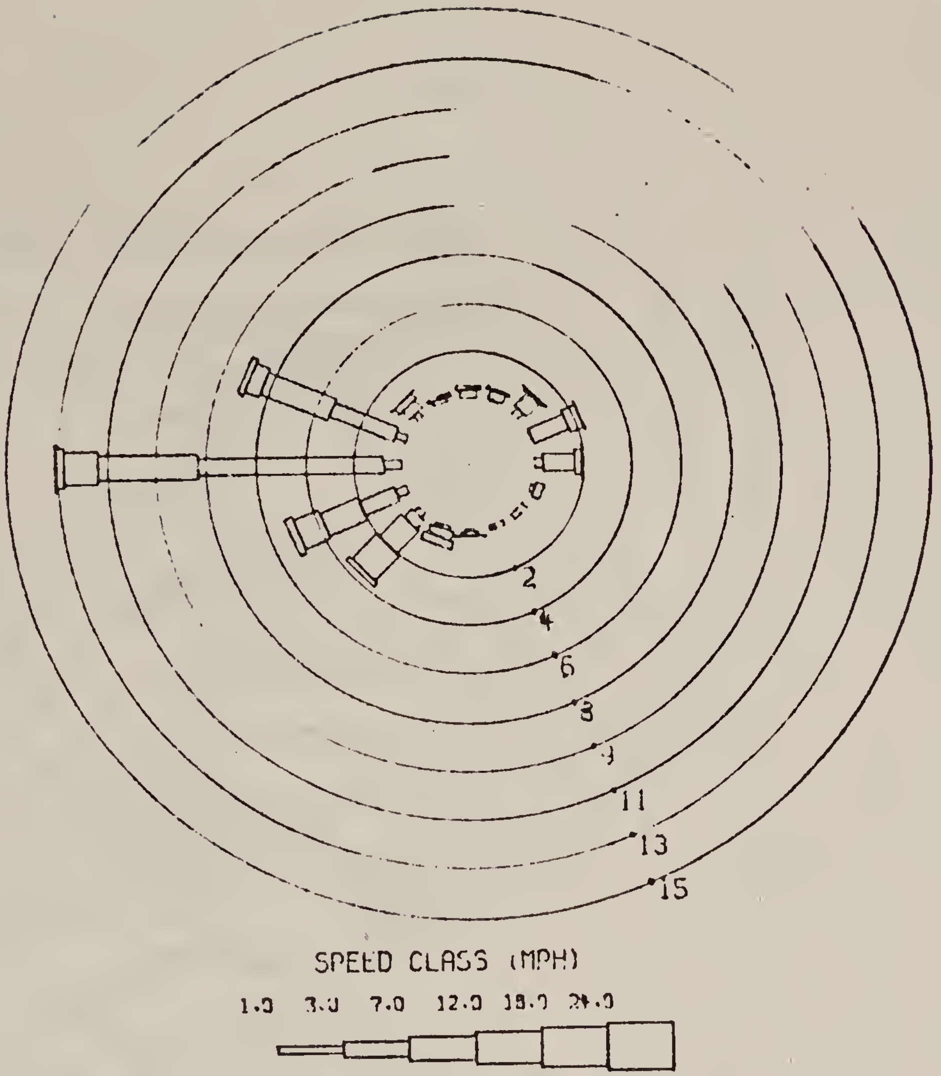


RBGSP SITE 2 WIND ROSE 8/75

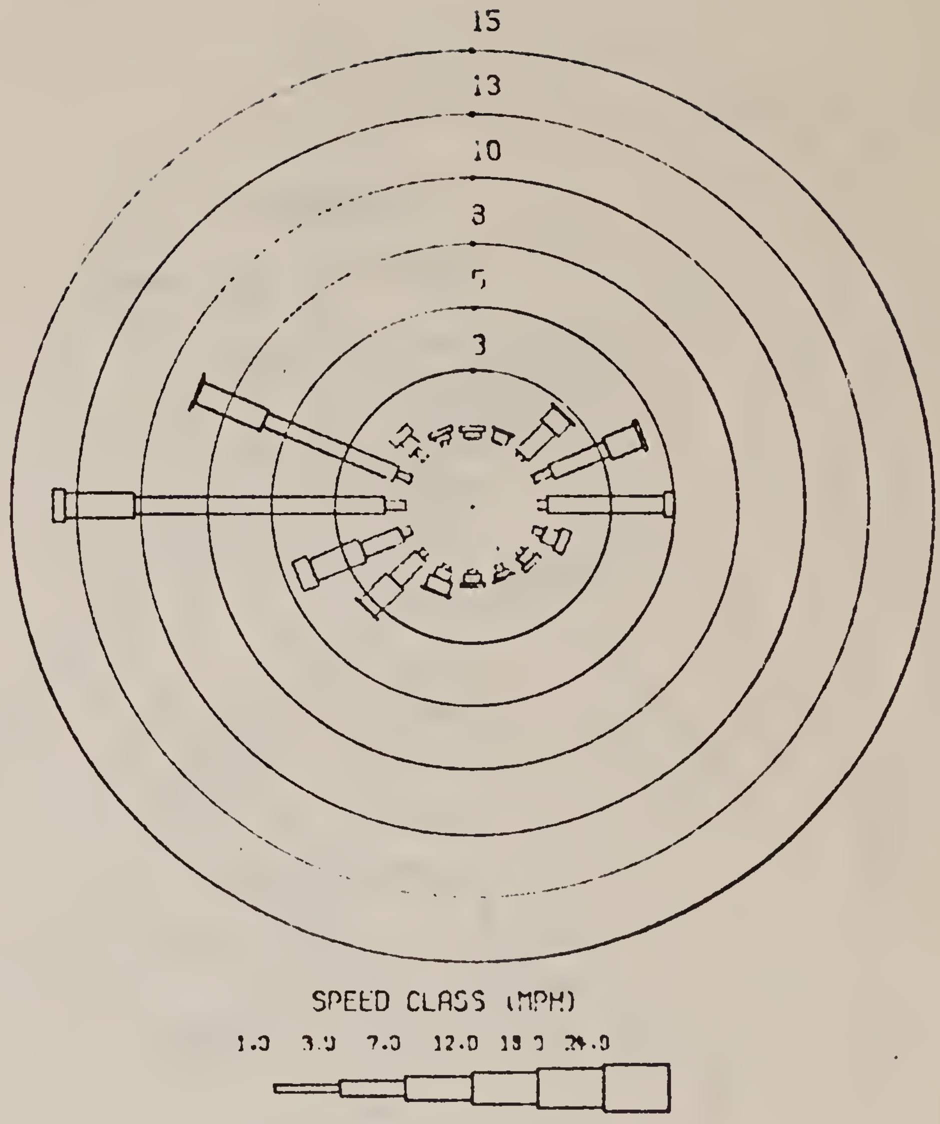


RBGSP SITE 2 WIND ROSE

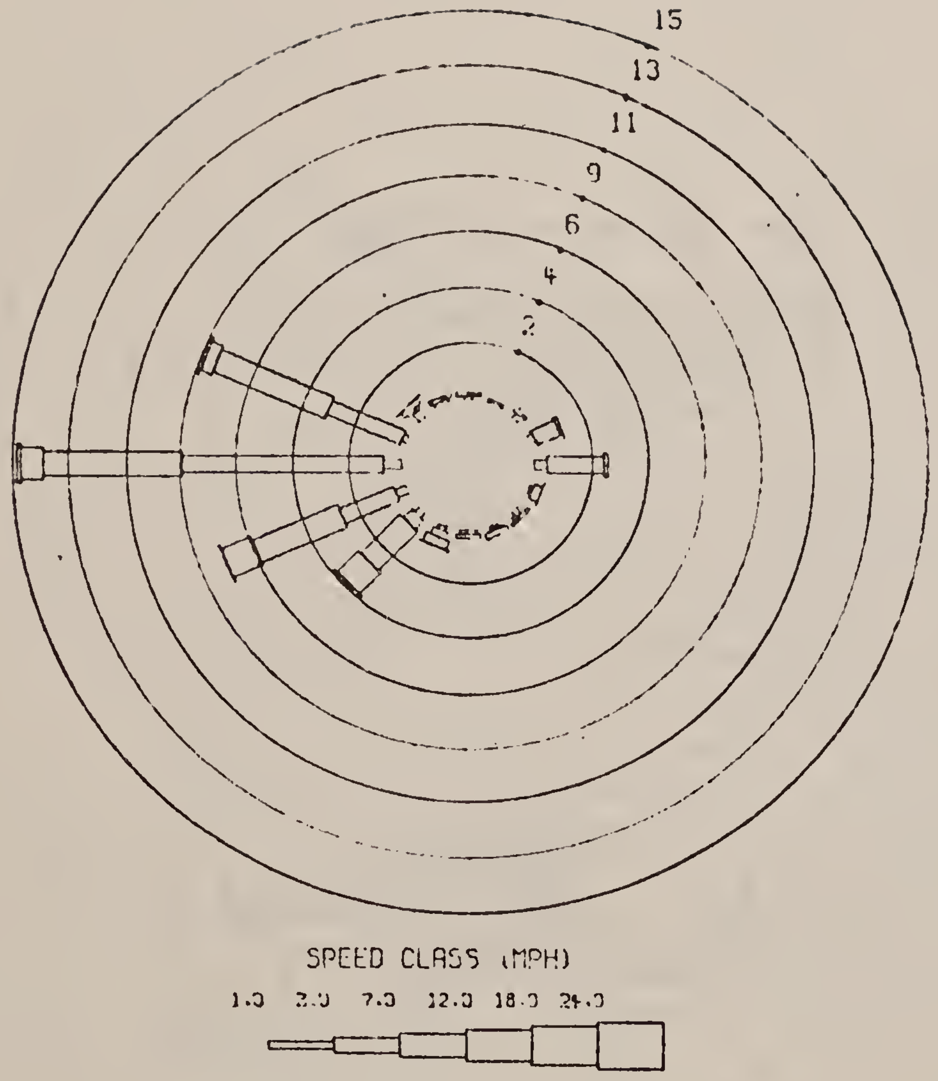
Summer



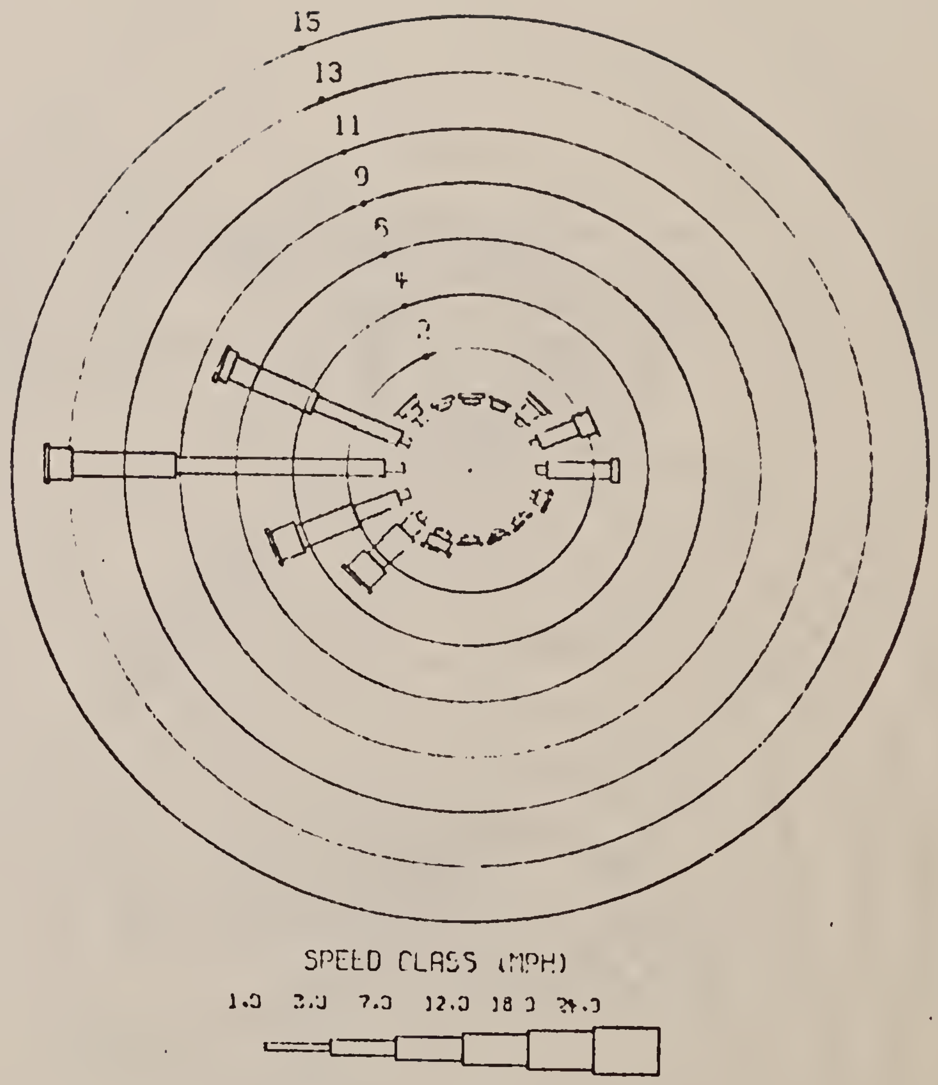
RBOSP SITE 3 WIND ROSE 6/75



RBOSP SITE 3 WIND ROSE 7/75

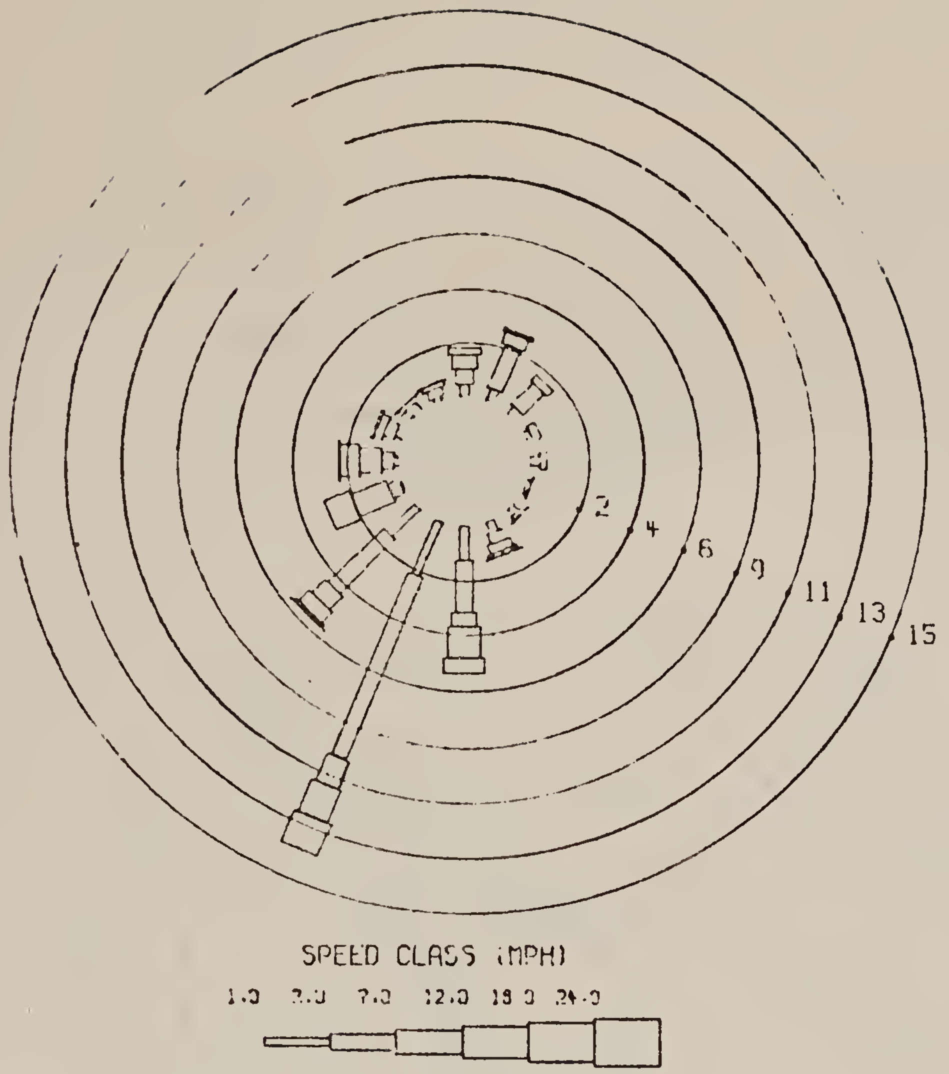


RBOSP SITE 3 WIND ROSE 8/75

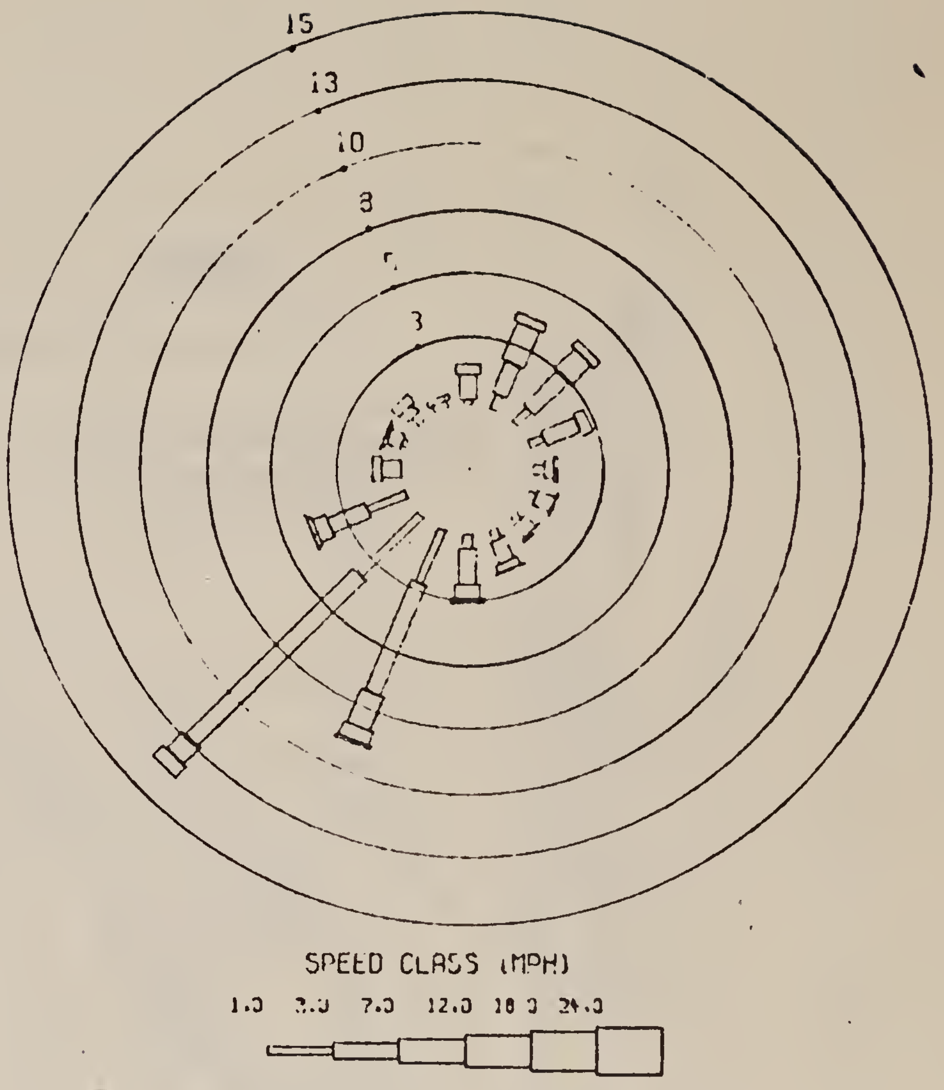


RBOSP SITE 3 WIND ROSE

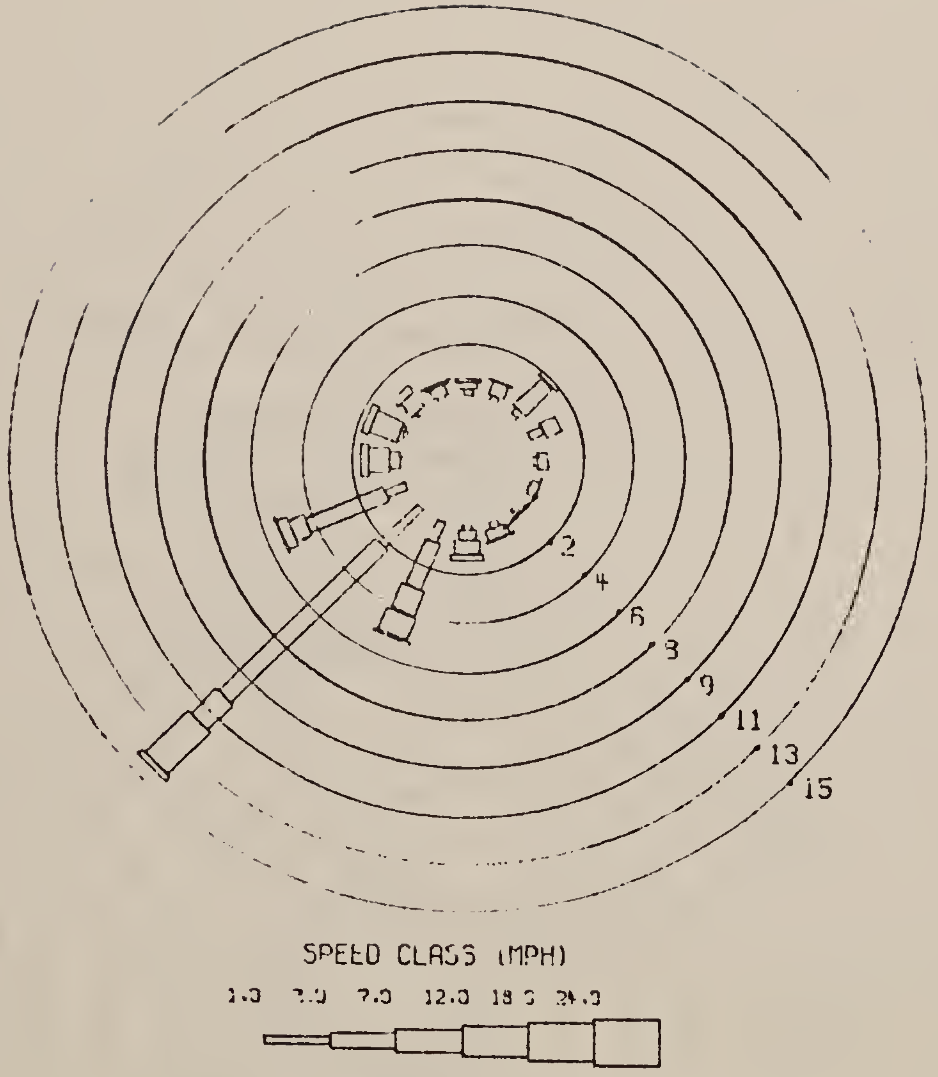
Summer



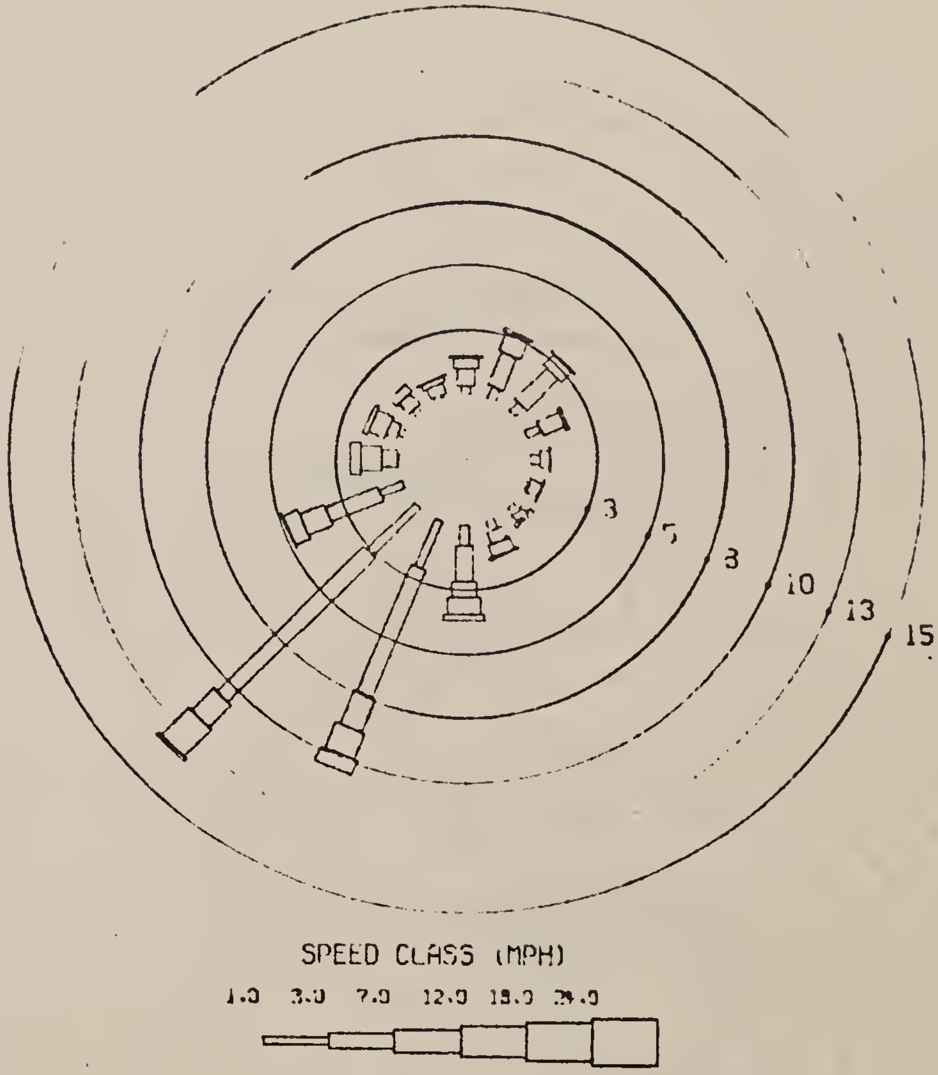
RBOSP SITE 4 WIND ROSE 6/75



RBOSP SITE 4 WIND ROSE 7/75



RBGSP SITE 4 WIND ROSE 8/75



RBGSP SITE 4 WIND ROSE

Summer

SECTION B.5

JOINT FREQUENCY DISTRIBUTION BETWEEN WIND SPEED, WIND DIRECTION, AND ATMOSPHERIC STABILITY AT SITE 1

B.5-1 to B.5-7

RBOSP

THE PERCENTAGE OF OCCURRENCE OF WIND SPEED CLASS AND WIND DIRECTION
FOR STABILITY INDEX A

PERIOD OF RECORD-SUMMER

	1-3	3-7	7-12	12-18	18-24	24-UP	TOTAL	AVG SPD MPH
N	0.00	0.19	0.23	0.00	0.00	0.00	0.47	7.57
NNE	0.00	0.14	0.14	0.00	0.00	0.00	0.28	7.74
NE	0.00	0.28	0.42	0.05	0.00	0.00	0.75	8.40
ENE	0.00	0.28	0.23	0.00	0.00	0.00	0.51	6.57
E	0.00	0.19	0.09	0.00	0.00	0.00	0.28	5.49
ESE	0.00	0.09	0.05	0.00	0.00	0.00	0.14	6.55
SE	0.00	0.00	0.14	0.09	0.00	0.00	0.23	10.39
SSE	0.00	0.00	0.05	0.00	0.00	0.00	0.05	9.39
S	0.00	0.00	0.65	0.51	0.00	0.00	1.17	11.51
SSW	0.00	0.14	1.59	1.49	0.09	0.00	3.31	12.00
SW	0.00	0.28	1.26	0.56	0.00	0.00	2.10	9.95
WSW	0.00	0.28	1.12	0.28	0.09	0.00	1.77	10.08
W	0.00	0.19	2.10	0.65	0.14	0.00	3.08	10.67
WNW	0.00	0.28	1.31	0.51	0.19	0.00	2.29	11.00
NW	0.00	0.19	0.84	0.05	0.00	0.00	1.07	8.51
NNW	0.00	0.19	0.56	0.14	0.00	0.00	0.89	9.53
TOTAL	0.00	2.71	10.82	4.34	0.51	0.00	18.38	10.26
AVG SPD	0.00	5.86	9.32	14.13	20.39	0.00	10.26	10.26

NUMBER OF CALM HOURS - 0
NUMBER OF MISSING HOURS - 64
NUMBER OF HOURS OF DATA - 2144

RBOSP

THE PERCENTAGE OF OCCURRENCE OF WIND SPEED CLASS AND WIND DIRECTION FOR STABILITY INDEX B

PERIOD OF RECORD-SUMMER

	1-3	3-7	7-12	12-18	18-24	24-UP	TOTAL	AVG SPD MPH
N	0.00	0.09	0.09	0.00	0.00	0.00	0.19	7.07
NNE	0.00	0.14	0.09	0.14	0.00	0.00	0.37	9.26
NE	0.00	0.09	0.09	0.00	0.00	0.00	0.19	7.27
ENE	0.00	0.42	0.23	0.05	0.00	0.00	0.70	6.73
E	0.00	0.37	0.05	0.00	0.00	0.00	0.42	5.47
ESE	0.00	0.09	0.05	0.00	0.00	0.00	0.14	6.13
SE	0.00	0.09	0.00	0.00	0.00	0.00	0.09	4.27
SSE	0.00	0.09	0.19	0.00	0.00	0.00	0.28	7.09
S	0.00	0.14	0.28	0.09	0.00	0.00	0.51	7.56
SSW	0.00	0.14	0.61	0.37	0.05	0.00	1.17	11.40
SW	0.00	0.23	0.23	0.00	0.00	0.00	0.47	7.37
WSW	0.00	0.14	0.47	0.09	0.00	0.00	0.70	8.68
W	0.00	0.14	0.37	0.28	0.00	0.00	0.79	10.63
WNW	0.00	0.05	0.14	0.23	0.05	0.00	0.47	13.42
NW	0.00	0.00	0.09	0.09	0.00	0.00	0.19	11.93
NNW	0.05	0.00	0.00	0.00	0.00	0.00	0.05	2.36
TOTAL	0.05	2.24	2.99	1.35	0.09	0.00	6.72	8.98
AVG SPD	2.86	5.41	9.04	14.33	18.57	0.00	8.98	8.98

NUMBER OF CALM HOURS - 0
NUMBER OF MISSING HOURS - 64
NUMBER OF HOURS OF DATA - 2144

RBOSP

THE PERCENTAGE OF OCCURRENCE OF WIND SPEED CLASS AND WIND DIRECTION FOR STABILITY INDEX C

PERIOD OF RECORD-SUMMER

	1-3	3-7	7-12	12-18	18-24	24-UP	TOTAL	AVG SPD MPH
N	0.05	0.14	0.19	0.00	0.00	0.00	0.37	6.73
NNE	0.05	0.14	0.09	0.05	0.00	0.00	0.33	6.91
NE	0.00	0.23	0.05	0.05	0.00	0.00	0.33	6.94
ENE	0.00	0.42	0.05	0.00	0.00	0.00	0.47	5.12
E	0.00	0.23	0.00	0.00	0.00	0.00	0.23	4.82
ESE	0.00	0.23	0.05	0.00	0.00	0.00	0.28	5.28
SE	0.09	0.09	0.00	0.00	0.00	0.00	0.19	3.93
SSE	0.09	0.33	0.05	0.00	0.00	0.00	0.47	4.03
S	0.00	0.14	0.09	0.05	0.00	0.00	0.28	8.21
SSW	0.00	0.09	0.19	0.28	0.05	0.00	0.61	11.91
SW	0.00	0.09	0.19	0.05	0.00	0.00	0.33	8.87
WSW	0.00	0.09	0.42	0.14	0.00	0.00	0.65	10.39
W	0.00	0.23	0.42	0.05	0.05	0.00	0.75	9.08
WNW	0.00	0.14	0.09	0.09	0.05	0.00	0.37	10.41
NW	0.05	0.05	0.09	0.09	0.05	0.00	0.33	10.93
NNW	0.00	0.00	0.14	0.00	0.00	0.00	0.14	8.14
TOTAL	0.33	2.66	2.10	0.84	0.19	0.00	6.11	8.05
AVG SPD	2.42	4.82	9.47	14.44	19.35	0.00	8.05	8.05

NUMBER OF CALM HOURS - 0
NUMBER OF MISSING HOURS - 64
NUMBER OF HOURS OF DATA - 2144

RBOSP

THE PERCENTAGE OF OCCURRENCE OF WIND SPEED CLASS AND WIND DIRECTION
FOR STABILITY INDEX D

PERIOD OF RECORD-SUMMER

	1-3	3-7	7-12	12-18	18-24	24-UP	TOTAL	AVG SPD MPH
N	0.09	0.05	0.05	0.00	0.00	0.00	0.19	4.79
NNE	0.14	0.14	0.09	0.19	0.05	0.00	0.61	9.34
NE	0.47	0.51	0.37	0.19	0.00	0.00	1.54	6.09
ENE	0.28	0.34	0.14	0.00	0.00	0.00	1.26	4.19
E	0.14	0.51	0.05	0.00	0.00	0.00	0.70	4.31
ESE	0.28	0.51	0.00	0.00	0.00	0.00	0.79	3.62
SE	0.14	0.28	0.00	0.00	0.00	0.00	0.42	3.92
SSE	0.33	0.51	0.19	0.05	0.00	0.00	1.07	5.16
S	0.28	0.56	0.09	0.19	0.14	0.00	1.26	7.99
SSW	0.23	0.51	1.21	0.65	0.28	0.00	2.89	10.17
SW	0.14	0.70	0.56	0.00	0.00	0.00	1.40	6.30
WSW	0.05	0.70	0.47	0.19	0.00	0.00	1.40	7.58
W	0.14	0.23	0.70	0.47	0.05	0.00	1.59	9.93
WNW	0.00	0.47	0.23	0.37	0.37	0.00	1.49	12.26
NW	0.14	0.05	0.28	0.14	0.14	0.09	0.84	12.36
NNW	0.14	0.33	0.14	0.14	0.00	0.00	0.75	6.76
TOTAL	2.99	6.90	4.62	2.57	1.03	0.09	18.19	7.84
AVG SPD	2.23	4.74	9.54	14.26	19.86	24.99	7.84	7.84

NUMBER OF CALM HOURS - 0
NUMBER OF MISSING HOURS - 64
NUMBER OF HOURS OF DATA - 2144

RBOSP

THE PERCENTAGE OF OCCURRENCE OF WIND SPEED CLASS AND WIND DIRECTION
FOR STABILITY INDEX E

PERIOD OF RECORD-SUMMER

	1-3	3-7	7-12	12-18	18-24	24-UP	TOTAL	AVG SPD MPH
N	0.37	0.09	0.00	0.00	0.00	0.00	0.47	2.48
NNE	0.19	0.23	0.09	0.05	0.00	0.00	0.56	5.36
NE	0.28	0.19	0.00	0.00	0.00	0.00	0.51	2.59
ENE	0.33	0.23	0.14	0.00	0.00	0.00	0.70	4.17
E	0.23	0.14	0.00	0.00	0.00	0.00	0.37	2.93
ESE	0.14	0.33	0.05	0.00	0.00	0.00	0.51	3.98
SE	0.28	0.09	0.05	0.00	0.00	0.00	0.42	3.06
SSE	0.23	0.47	0.00	0.00	0.00	0.00	0.70	3.93
S	0.47	0.65	0.19	0.00	0.00	0.00	1.35	4.00
SSW	0.75	1.54	0.93	0.33	0.05	0.00	3.59	6.45
SW	0.89	3.54	0.84	0.05	0.00	0.00	5.32	5.12
WSW	0.79	3.64	1.73	0.33	0.00	0.00	6.53	6.19
W	1.12	1.68	2.10	0.33	0.00	0.00	5.22	6.46
WNW	0.89	3.12	0.33	0.61	0.23	0.00	5.18	6.58
NW	1.07	0.89	0.37	0.09	0.00	0.00	2.43	4.58
NNW	0.70	0.65	0.23	0.09	0.00	0.00	1.68	4.77
TOTAL	8.72	17.49	7.04	1.87	0.28	0.00	35.54	5.60
AVG SPD	2.22	4.78	9.03	14.18	20.52	0.00	5.60	5.60

NUMBER OF CALM HOURS - 3
NUMBER OF MISSING HOURS - 64
NUMBER OF HOURS OF DATA - 2144

RBOSP

THE PERCENTAGE OF OCCURRENCE OF WIND SPEED CLASS AND WIND DIRECTION FOR STABILITY INDEX F

PERIOD OF RECORD-SUMMER

	1-3	3-7	7-12	12-18	18-24	24-UP	TOTAL	AVG SPD MPH
N	0.05	0.14	0.09	0.00	0.00	0.00	0.28	6.16
NNE	0.00	0.00	0.05	0.00	0.00	0.00	0.05	8.33
NE	0.00	0.09	0.00	0.00	0.00	0.00	0.09	5.26
ENE	0.00	0.09	0.00	0.00	0.00	0.00	0.09	3.35
E	0.09	0.05	0.00	0.00	0.00	0.00	0.14	2.41
ESE	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
SE	0.05	0.05	0.00	0.00	0.00	0.00	0.09	2.78
SSE	0.05	0.00	0.00	0.00	0.00	0.00	0.05	2.12
S	0.09	0.19	0.00	0.00	0.00	0.00	0.23	3.90
SSW	0.14	0.28	0.23	0.05	0.00	0.00	0.70	6.28
SW	0.09	0.33	0.23	0.00	0.00	0.00	0.70	5.77
WSW	0.19	1.45	3.31	0.79	0.00	0.00	5.74	8.81
W	0.09	0.70	1.35	0.37	0.00	0.00	2.52	8.47
WNW	0.00	0.89	0.70	0.00	0.00	0.00	1.59	6.55
NW	0.05	0.47	0.14	0.05	0.00	0.00	0.70	5.72
NNW	0.05	0.09	0.05	0.00	0.00	0.00	0.19	4.47
TOTAL	0.93	4.30	6.16	1.26	0.00	0.00	13.20	7.59
AVG SPD	2.18	5.08	9.31	13.03	0.00	0.00	7.59	7.59

NUMBER OF CALM HOURS - 1
NUMBER OF MISSING HOURS - 64
NUMBER OF HOURS OF DATA - 2144

RBOSP

THE PERCENTAGE OF OCCURRENCE OF WIND SPEED CLASS AND WIND DIRECTION FOR STABILITY INDEX G

PERIOD OF RECORD-SUMMER

	1-3	3-7	7-12	12-18	18-24	24-UP	TOTAL	AVG SPD MPH
N	0.05	0.00	0.00	0.00	0.00	0.00	0.05	2.58
NNE	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
NE	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
ENE	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
E	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
ESE	0.00	0.00	0.00	0.00	0.00	0.00	0.05	0.70
SE	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
SSE	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
S	0.05	0.00	0.00	0.00	0.00	0.00	0.05	3.00
SSW	0.05	0.00	0.00	0.00	0.00	0.00	0.05	2.20
SW	0.00	0.00	0.05	0.00	0.00	0.00	0.05	7.30
WSW	0.00	0.09	0.56	0.05	0.00	0.00	0.70	9.12
W	0.05	0.00	0.19	0.05	0.05	0.00	0.33	10.95
WNW	0.05	0.09	0.28	0.14	0.00	0.05	0.61	10.34
NW	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
NNW	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
TOTAL	0.23	0.19	1.07	0.23	0.05	0.05	1.87	9.09
AVG SPD	2.34	4.78	9.39	12.33	21.36	30.79	9.09	9.09

NUMBER OF CALM HOURS - 1
NUMBER OF MISSING HOURS - 64
NUMBER OF HOURS OF DATA - 2144

SECTION B.6

UPPER AIR DATA LISTINGS

Section		Page
B.6.1	Upper Air Pilot Balloon Sounding Summaries Over Federal Oil Shale Tract C-a 12 July through 26 July 1975	B.6.1-1 to B.6.1-55
B.6.2	Upper Air Temperature Soundings Over Federal Oil Shale Tract C-a 12 July through 26 July 1975	B.6.2-1 to B.6.2-16
B.6.3	Pilot Balloon Soundings Over Federal Oil Shale Tract C-a 12 July through 26 July 1975	B.6.3-1 to B.6.3-16

B.6.1

UPPER AIR PILOT BALLOON SOUNDING SUMMARIES OVER FEDERAL OIL SHALE TRACT C-a
12 JULY 1975 THROUGH 26 JULY 1975

Azimuth (degrees)	Horizontal angle to balloon clockwise from north at time of sighting
Elevation (degrees)	Vertical angle to balloon from horizontal at time of sighting
Height (feet)	Vertical elevation from release point to balloon at time of sighting
X (feet)	Calculated easterly distance from release point to balloon at time of sighting
Y (feet)	Calculated northerly distance from release point to balloon at time of sighting
Height (feet)	Interpolated height of balloon above the surface
Velocity (miles per hour, mph)	Interpolated velocity of balloon from prior and succeeding sightings
Heading (degrees)	Horizontally projected vector difference (clockwise from north) of balloon position calculated from prior and succeeding sightings

NOTE: Times of flight are presented as hours of the day, in Mountain Standard Time (MST).

C-A 7/12/75 FLIGHT NO. 1 06:10 RBOSP

TIME INTO FLIGHT -MINUTES-	AZIMUTH -DEG.-	ELEVATION -DEG.-	HEIGHT -FEET-	X -FEET-	Y -FEET-
0.00	0.00	0.00	0.00	0.0	0.0
0.50	186.20	84.00	300.00	-3.4	-31.4
1.00	999.00	999.00	600.00	999.0	999.0
1.50	258.90	74.40	900.00	-246.8	-48.6
2.00	258.50	60.81	1200.00	-657.1	-134.3
2.50	258.22	51.68	1500.00	-1160.7	-243.1
3.00	260.22	46.35	1800.00	-1692.4	-293.2
3.50	260.48	42.38	2100.00	-2270.0	-382.7
4.00	260.89	38.88	2400.00	-2939.3	-473.9
4.50	258.62	35.00	2700.00	-3780.5	-764.3
5.00	256.11	33.18	3000.00	-4453.9	-1105.4
5.50	252.60	31.25	3300.00	-5189.2	-1630.9
6.00	249.60	30.22	3600.00	-5792.4	-2159.6
6.50	247.10	29.78	3900.00	-6277.4	-2657.7
7.00	244.55	29.59	4200.00	-6677.6	-3184.5
7.50	241.82	30.20	4500.00	-6814.0	-3657.5
8.00	240.29	30.67	4800.00	-7028.2	-4017.8
8.50	999.00	999.00	5100.00	999.0	999.0
9.00	237.00	32.22	5400.00	-7184.1	-4673.4
9.50	235.05	33.33	5700.00	-7102.2	-4972.0
10.00	233.10	34.45	6000.00	-6992.0	-5258.2
10.50	231.00	35.45	6300.00	-6874.1	-5575.2

HEIGHT -FEET-	VELOCITY -MPH-	HEADING -DEG-
150.00	0.72	186.20
450.00	999.00	999.00
750.00	999.00	999.00
1050.00	9.53	258.26
1350.00	11.71	257.86
1650.00	12.14	264.66
1950.00	13.28	261.24
2250.00	15.35	262.29
2550.00	20.22	251.01
2850.00	17.16	243.18
3150.00	20.54	234.49
3450.00	18.23	228.81
3750.00	15.80	224.28
4050.00	15.03	217.26
4350.00	11.19	196.12
4650.00	9.53	210.78
4950.00	999.00	999.00
5250.00	999.00	999.00
5550.00	7.04	164.69
5850.00	6.97	158.97
6150.00	7.69	159.63

C-A 7/12/75 FLIGHT NO. 2 08:07 RBOSP

TIME INTO FLIGHT -MINUTES-	AZIMUTH -DEG.-	ELEVATION -DEG.-	HEIGHT -FEET-	X -FEET-	Y -FEET-
0.00	0.00	0.00	0.00	-6874.1	-5575.2
0.50	999.00	999.00	300.00	999.0	999.0
1.00	291.52	69.60	600.00	-207.8	81.7
1.50	288.29	59.65	900.00	-500.7	165.0
2.00	286.22	53.19	1200.00	-862.8	250.1
2.50	286.05	49.62	1500.00	-1226.7	351.7
3.00	282.95	45.93	1800.00	-1699.1	389.0
3.50	277.49	42.25	2100.00	-2293.1	299.4
4.00	272.38	38.76	2400.00	-2987.6	121.5
4.50	267.05	36.01	2700.00	-3710.7	-194.5
5.00	261.92	34.78	3000.00	-4277.3	-611.0
5.50	258.06	34.31	3300.00	-4731.5	-1004.7
6.00	255.44	34.25	3600.00	-5117.6	-1333.8
6.50	252.38	34.22	3900.00	-5465.2	-1740.8
7.00	250.78	34.41	4200.00	-5789.6	-2023.8
7.50	249.70	34.62	4500.00	-6113.0	-2267.0
8.00	248.85	35.50	4800.00	-6275.6	-2433.8
8.50	247.55	36.31	5100.00	-6413.7	-2656.2
9.00	244.26	37.00	5400.00	-6454.1	-3118.1

HEIGHT -FEET-	VELOCITY -MPH-	HEADING -DEG-
150.00	999.00	999.00
450.00	999.00	999.00
750.00	6.92	285.92
1050.00	8.45	283.29
1350.00	8.59	285.65
1650.00	10.77	274.58
1950.00	13.65	261.47
2250.00	16.29	255.68
2550.00	17.94	246.44
2850.00	15.98	233.73
3150.00	13.66	229.12
3450.00	11.53	229.60
3750.00	12.16	220.54
4050.00	9.78	228.94
4350.00	9.20	233.10
4650.00	5.29	224.31
4950.00	5.95	211.88
5250.00	10.54	185.03

```
C-A  7/12/75 FLIGHT NO. 3  10:58        RBOSP

TIME INTO AZIMUTH  ELEVATION  HEIGHT     X       Y        HEIGHT    VELOCITY   HEADING
  FLIGHT   -DEG.-    -DEG.-   -FEET-  -FEET-  -FEET-      -FEET-    -MPH-     -DEG-
-MINUTES-

   0.00     0.00      0.00     0.00     0.0     0.0
                                                           150.00      1.43    278.50
   0.50   278.50     78.20   300.00   -62.1     9.2
                                                           450.00      1.19    279.60
   1.00   279.00     79.15   600.00  -113.8    17.9
                                                           750.00      1.23    134.14
   1.50   255.20     85.10   900.00   -74.8   -19.8
                                                          1050.00      1.45     83.41
   2.00   223.00     89.20  1200.00   -11.7   -12.5
                                                          1350.00      1.58     52.06
   2.50    55.00     88.00  1500.00    43.3    30.3
                                                          1650.00      0.52    342.34
   3.00    35.00     88.00  1800.00    36.3    51.9
                                                          1950.00      1.74    319.27
   3.50   353.00     87.00  2100.00   -13.6   109.8
                                                          2250.00    999.00    999.00
   4.00   999.00    999.00  2400.00   999.0   999.0
                                                          2550.00    999.00    999.00
   4.50   203.50     86.35  2700.00   -13.6   109.8
                                                          2850.00    999.00    999.00
   5.00   999.00    999.00  3000.00   999.0   999.0
                                                          3150.00    999.00    999.00
   5.50   240.00     79.30  3300.00  -540.5  -312.6
                                                          3450.00      5.70    240.70
   6.00   240.20     76.35  3600.00  -759.1  -435.6
                                                          3750.00      6.14    231.49
   6.50   238.15     73.68  3900.00  -970.4  -603.9
                                                          4050.00      5.33    218.14
   7.00   234.78     72.00  4200.00 -1115.1  -788.5
                                                          4350.00      4.63    202.41
   7.50   230.72     71.10  4500.00 -1192.8  -977.1
                                                          4650.00      4.75    185.75
   8.00   225.72     70.55  4800.00 -1213.6 -1185.2
                                                          4950.00      4.77    183.69
   8.50   221.38     70.00  5100.00 -1226.9 -1394.7
                                                          5250.00      3.87    180.98
   9.00   218.20     69.78  5400.00 -1229.7 -1565.0
                                                          5550.00      3.20    155.77
   9.50   214.73     70.15  5700.00 -1172.0 -1693.2
                                                          5850.00      4.32    135.38
  10.00   209.63     70.70  6000.00 -1038.3 -1828.5
```

C-A 7/12/75 FLIGHT NO. 4 16:46 RBOSP

TIME INTO FLIGHT -MINUTES-	AZIMUTH -DEG.-	ELEVATION -DEG.-	HEIGHT -FEET-	X -FEET-	Y -FEET-
0.00	0.00	0.00	0.00	0.0	0.0
0.50	180.20	69.90	300.00	-0.3	-109.9
1.00	999.00	999.00	600.00	999.0	999.0
1.50	166.45	56.52	900.00	139.8	-578.8
2.00	167.98	55.16	1200.00	174.5	-817.2
2.50	167.75	57.65	1500.00	202.2	-928.7
3.00	164.38	60.55	1800.00	274.3	-979.1
3.50	161.05	63.00	2100.00	348.2	-1012.3
4.00	159.87	63.38	2400.00	414.8	-1129.8
4.50	160.19	64.15	2700.00	444.2	-1231.2
5.00	162.15	64.72	3000.00	435.3	-1349.1
5.50	164.43	65.25	3300.00	409.4	-1466.1
6.00	164.72	66.14	3600.00	420.7	-1536.7
6.50	164.92	67.18	3900.00	428.1	-1585.2
7.00	165.60	69.00	4200.00	402.1	-1562.4
7.50	168.92	71.92	4500.00	283.4	-1442.7
8.00	174.52	72.60	4800.00	144.6	-1498.5
8.50	180.80	72.55	5100.00	-21.4	-1604.3
9.00	184.78	71.83	5400.00	-146.7	-1767.6
9.50	189.38	70.88	5700.00	-321.1	-1951.3
10.00	193.75	69.86	6000.00	-522.0	-2139.2

HEIGHT -FEET-	VELOCITY -MPH-	HEADING -DEG-
150.00	2.50	180.20
450.00	999.00	999.00
750.00	999.00	999.00
1050.00	5.47	171.77
1350.00	2.61	166.08
1650.00	2.00	124.95
1950.00	1.84	114.25
2250.00	3.07	150.47
2550.00	2.40	163.84
2850.00	2.69	184.38
3150.00	2.72	192.51
3450.00	1.62	170.91
3750.00	1.12	171.42
4050.00	0.79	311.35
4350.00	3.83	315.30
4650.00	3.40	248.13
4950.00	4.48	237.55
5250.00	4.68	217.54
5550.00	5.76	223.56
5850.00	6.25	226.96

C-A 7/13/75 FLIGHT NO. 2 09:00 RBOSP

TIME INTO FLIGHT -MINUTES-	AZIMUTH -DEG.-	ELEVATION -DEG.-	HEIGHT -FEET-	X -FEET-	Y -FEET-
0.00	0.00	0.00	0.00	0.0	0.0
0.50	53.35	35.60	300.00	336.2	250.3
1.00	47.53	37.60	600.00	574.8	526.3
1.50	50.13	36.00	900.00	950.8	794.4
2.00	53.05	33.71	1200.00	1437.6	1081.7
2.50	53.79	33.57	1500.00	1823.9	1335.9
3.00	53.52	34.56	1800.00	2101.4	1554.4
3.50	53.56	35.78	2100.00	2344.4	1731.6
4.00	53.78	37.02	2400.00	2567.9	1881.5
4.50	53.32	38.02	2700.00	2769.9	2063.9
5.00	52.86	38.78	3000.00	2976.9	2255.5
5.50	51.72	39.49	3300.00	3144.0	2482.1
6.00	50.34	40.25	3600.00	3274.2	2715.3
6.50	49.38	40.35	3900.00	3484.9	2990.0
7.00	49.08	40.00	4200.00	3782.7	3280.0
7.50	49.22	39.42	4500.00	4145.9	3577.3
8.00	49.63	38.61	4800.00	4580.0	3895.0
8.50	49.68	37.94	5100.00	4938.3	4234.8
9.00	49.82	37.20	5400.00	5436.1	4592.1
9.50	50.22	36.63	5700.00	5892.6	4907.7
10.00	50.84	36.30	6000.00	6334.1	5160.4

HEIGHT -FEET-	VELOCITY -MPH-	HEADING -DEG-
150.00	9.53	53.35
450.00	8.29	40.84
750.00	10.50	54.52
1050.00	12.84	59.46
1350.00	10.51	56.67
1650.00	8.03	51.79
1950.00	6.84	53.91
2250.00	6.12	56.16
2550.00	6.19	47.93
2850.00	6.41	47.22
3150.00	6.40	36.42
3450.00	6.07	29.17
3750.00	7.87	37.50
4050.00	9.45	45.76
4350.00	10.67	50.71
4650.00	12.22	53.81
4950.00	12.07	50.25
5250.00	13.02	51.42
5550.00	12.61	55.36
5850.00	11.56	60.23

```
C-A  7/13/75 FLIGHT NO. 3  10:53        RBOSP


  TIME INTO AZIMUTH  ELEVATION  HEIGHT      X       Y           HEIGHT     VELOCITY   HEADING
   FLIGHT    -DEG.-    -DEG.-   -FEET-   -FEET-  -FEET-         -FEET-      -MPH-      -DEG-
  -MINUTES-


    0.00      0.00      0.00      0.00      0.0     0.0
                                                                150.00      9.17      41.00
    0.50     41.00     36.65    300.00    264.6   304.4
                                                                450.00     10.85      59.64
    1.00     51.11     34.63    600.00    676.3   545.7
                                                                750.00      9.75      67.96
    1.50     56.66     35.00    900.00   1073.9   706.8
                                                               1050.00      9.02      68.65
    2.00     59.48     35.61   1200.00   1443.6   851.4
                                                               1350.00      9.41      62.61
    2.50     60.10     35.68   1500.00   1811.2  1042.0
                                                               1650.00     10.64      50.30
    3.00     58.31     35.20   1800.00   2171.5  1341.2
                                                               1950.00     13.21      53.67
    3.50     57.45     33.85   2100.00   2639.5  1685.5
                                                               2250.00     12.15      51.75
    4.00     56.62     33.23   2400.00   3059.4  2016.6
                                                               2550.00     10.52      74.75
    4.50     58.63     33.33   2700.00   3505.9  2138.4
                                                               2850.00     10.81      60.46
    5.00     58.82     33.22   3000.00   3919.7  2373.0
                                                               3150.00     10.92      54.60
    5.50     58.42     33.11   3300.00   4311.4  2651.5
                                                               3450.00     13.07      62.84
    6.00     58.87     32.58   3600.00   4822.8  2914.0
                                                               3750.00     11.73      63.52
    6.50     59.26     32.39   3900.00   5284.6  3144.2
```

C-A 7/13/75 FLIGHT NO. 4 16:54 RBOSP

TIME INTO FLIGHT -MINUTES-	AZIMUTH -DEG.-	ELEVATION -DEG.-	HEIGHT -FEET-	X -FEET-	Y -FEET-
0.00	0.00	0.00	0.00	0.0	0.0
0.50	88.35	29.63	300.00	527.3	15.3
1.00	89.63	25.33	600.00	1267.8	8.6
1.50	88.92	23.68	900.00	2052.3	39.3
2.00	87.32	22.98	1200.00	2827.2	133.2
2.50	86.08	22.62	1500.00	3592.2	247.2
3.00	85.30	22.31	1800.00	4372.7	360.7
3.50	85.67	22.08	2100.00	5163.1	392.4
4.00	86.27	21.75	2400.00	6004.0	393.1
4.50	86.43	22.33	2700.00	6562.0	411.3
5.00	86.95	23.67	3000.00	6835.6	366.2
5.50	87.82	25.05	3300.00	7057.1	270.7
6.00	88.59	26.52	3600.00	7213.5	179.7
6.50	88.55	27.68	3900.00	7433.9	190.3
7.00	87.93	28.87	4200.00	7614.4	277.4
7.50	87.51	30.00	4500.00	7788.5	340.9
8.00	87.31	31.21	4800.00	7915.6	374.2
8.50	86.73	32.00	5100.00	8150.2	468.0
9.00	86.05	32.59	5400.00	8428.8	584.4
9.50	85.17	33.37	5700.00	8625.5	731.3
10.00	84.29	34.12	6000.00	8813.3	883.7

HEIGHT -FEET-	VELOCITY -MPH-	HEADING -DEG-
150.00	11.99	88.35
450.00	16.83	90.54
750.00	17.84	87.77
1050.00	17.74	83.11
1350.00	17.58	81.54
1650.00	17.93	81.74
1950.00	17.98	87.72
2250.00	19.11	89.97
2550.00	12.69	88.15
2850.00	6.30	99.38
3150.00	5.48	113.34
3450.00	4.11	120.22
3750.00	5.02	87.24
4050.00	4.55	64.25
4350.00	4.21	69.98
4650.00	2.99	75.35
4950.00	5.74	68.22
5250.00	6.86	67.33
5550.00	5.58	53.26
5850.00	5.50	50.94

```
C-A  7/14/75 FLIGHT NO. 1  05:00          RBOSP

  TIME INTO AZIMUTH  ELEVATION  HEIGHT      X       Y          HEIGHT     VELOCITY  HEADING
   FLIGHT    -DEG.-    -DEG.-   -FEET-  -FEET-  -FEET-        -FEET-      -MPH-    -DEG-
  -MINUTES-

    0.00      0.00      0.00      0.00     0.0     0.0
                                                               150.00      2.00     61.72
    0.50     61.72     73.70    300.00    77.3    41.6
                                                               450.00      1.05     46.49
    1.00     56.48     77.52    600.00   110.8    73.4
                                                               750.00      0.36    320.89
    1.50     49.58     81.65    900.00   100.7    85.8
                                                              1050.00      3.35    294.78
    2.00    347.44     82.84   1200.00   -33.0   147.4
                                                              1350.00      1.65    304.85
    2.50    333.92     82.03   1500.00   -92.7   188.9
                                                              1650.00      1.97      9.48
    3.00    344.10     81.01   1800.00   -78.5   274.3
                                                              1950.00      2.24     40.65
    3.50    357.73     80.57   2100.00   -14.2   349.1
                                                              2250.00      3.80     65.88
    4.00     18.35     79.63   2400.00   138.4   417.5
                                                              2550.00      5.66     69.67
    4.50     36.44     76.95   2700.00   372.1   504.1
                                                              2850.00      6.98     73.53
    5.00     48.44     73.47   3000.00   666.7   591.3
                                                              3150.00      7.74     79.19
    5.50     56.81     70.08   3300.00  1001.4   655.3
                                                              3450.00      6.11     85.75
    6.00     62.00     68.24   3600.00  1269.5   675.3
                                                              3750.00      5.53     93.60
    6.50     66.43     67.08   3900.00  1512.2   660.1
                                                              4050.00      6.75    110.91
    7.00     72.81     65.97   4200.00  1789.9   554.2
                                                              4350.00      7.57    120.05
    7.50     79.45     64.85   4500.00  2078.1   387.6
                                                              4650.00      8.25    125.37
    8.00     85.74     63.63   4800.00  2374.2   177.5
                                                              4950.00      9.05    131.65
    8.50     91.88     62.35   5100.00  2671.8   -86.9
                                                              5250.00      9.72    131.61
    9.00     97.08     60.84   5400.00  2991.6  -370.6
                                                              5550.00      9.75    135.40
    9.50    101.62     59.48   5700.00  3293.1  -676.0
                                                              5850.00      9.13    133.18
   10.00    104.87     58.28   6000.00  3586.2  -950.9
```

```
C-A  7/14/75 FLIGHT NO. 2  09:00          RBOSP

TIME INTO AZIMUTH  ELEVATION  HEIGHT      X      Y            HEIGHT     VELOCITY  HEADING
 FLIGHT    -DEG.-     -DEG.-   -FEET-  -FEET- -FEET-          -FEET-     -MPH-     -DEG-
-MINUTES-

  0.00      0.00      0.00      0.00     0.0    0.0
                                                             150.00       3.06      6.00
  0.50      6.00     65.83    300.00    14.1  134.0
                                                             450.00       2.50    325.78
  1.00    348.05     69.05    600.00   -47.9  224.8
                                                             750.00       1.80    303.87
  1.50    337.17     72.05    900.00  -113.5  268.8
                                                            1050.00       1.67    328.56
  2.00    335.44     73.11   1200.00  -151.9  331.5
                                                            1350.00       2.75     28.85
  2.50    347.98     73.41   1500.00   -93.6  437.4
                                                            1650.00       2.68     27.50
  3.00    355.92     73.22   1800.00   -39.3  541.8
                                                            1950.00       0.84     10.00
  3.50    356.81     74.60   2100.00   -32.9  578.1
                                                            2250.00       1.49    138.40
  4.00      1.15     77.58   2400.00    10.6  529.1
                                                            2550.00       2.39    134.69
  4.50     10.61     80.28   2700.00    85.3  455.3
                                                            2850.00       2.37    141.91
  5.00     21.84     82.38   3000.00   149.6  373.3
                                                            3150.00       3.03    165.18
  5.50     36.92     84.72   3300.00   183.7  244.6
                                                            3450.00     999.00    999.00
  6.00    999.00    999.00   3600.00   999.0  999.0
                                                            3750.00     999.00    999.00
  6.50    137.89     84.28   3900.00   262.8 -290.5
                                                            4050.00       5.70    185.75
  7.00    156.25     82.02   4200.00   237.9 -539.9
                                                            4350.00       4.83    195.61
  7.50    166.39     80.35   4500.00   180.7 -744.8
                                                            4650.00       3.84    192.27
  8.00    170.98     79.15   4800.00   145.0 -909.8
                                                            4950.00       2.88    185.39
  8.50    172.71     78.44   5100.00   133.1 -1036.0
                                                            5250.00       2.54    151.04
  9.00    170.65     78.00   5400.00   187.4 -1133.9
                                                            5550.00       2.71    110.53
  9.50    165.76     78.00   5700.00   299.0 -1175.7
                                                            5850.00       3.93    125.37
 10.00    161.00     77.34   6000.00   440.0 -1275.6
```

```
C-A  7/14/75 FLIGHT NO. 3  10:39          RBOSP


 TIME INTO AZIMUTH  ELEVATION  HEIGHT      X      Y           HEIGHT    VELOCITY  HEADING
  FLIGHT    -DEG.-    -DEG.-   -FEET-   -FEET- -FEET-         -FEET-     -MPH-    -DEG-
 -MINUTES-

    0.00     0.00      0.00      0.00     0.0     0.0
                                                              150.00      3.81    150.08
    0.50   150.08     60.80    300.00    83.7  -145.3
                                                              450.00      4.04    151.05
    1.00   150.58     60.07    600.00   169.9  -300.9
                                                              750.00      3.74    168.47
    1.50   156.33     60.72    900.00   202.9  -462.3
                                                             1050.00      5.59    151.75
    2.00   154.83     58.00   1200.00   319.4  -678.8
                                                             1350.00      6.51    166.52
    2.50   158.05     55.48   1500.00   386.3  -957.1
                                                             1650.00      5.37    174.00
    3.00   161.00     55.00   1800.00   411.1 -1191.9
                                                             1950.00      5.27    155.14
    3.50   160.09     54.62   2100.00   508.8 -1402.4
                                                             2250.00      3.63    190.86
    4.00   162.96     55.81   2400.00   478.8 -1559.2
                                                             2550.00      2.43    198.72
    4.50   165.04     57.53   2700.00   444.6 -1660.3
                                                             2850.00      2.85    124.72
    5.00   162.48     58.82   3000.00   547.7 -1731.7
                                                             3150.00      2.26     96.44
    5.50   159.68     60.62   3300.00   646.4 -1742.8
                                                             3450.00      2.10     93.09
    6.00   157.12     62.22   3600.00   738.6 -1747.7
                                                             3750.00      4.36     96.47
    6.50   152.32     62.88   3900.00   929.2 -1769.3
                                                             4050.00      4.38     98.54
    7.00   148.11     63.25   4200.00  1119.8 -1797.8
                                                             4350.00      2.63     30.01
    7.50   145.28     65.35   4500.00  1177.6 -1697.7
                                                             4650.00      1.04     43.76
    8.00   144.03     66.81   4800.00  1209.3 -1664.6
                                                             4950.00      1.22    272.43
    8.50   145.22     68.36   5100.00  1155.7 -1662.4
                                                             5250.00      2.92    246.67
    9.00   148.82     69.66   5400.00  1038.0 -1713.3
                                                             5550.00      1.61    296.03
    9.50   149.95     71.18   5700.00   974.4 -1682.4
                                                             5850.00      2.10    342.75
   10.00   149.32     72.84   6000.00   946.9 -1594.3
```

C-A 7/14/75 FLIGHT NO. 4 17:00 RBOSP

TIME INTO FLIGHT -MINUTES-	AZIMUTH -DEG.-	ELEVATION -DEG.-	HEIGHT -FEET-	X -FEET-	Y -FEET-
0.00	0.00	0.00	0.00	946.9	-1594.3
0.50	999.00	999.00	300.00	999.0	999.0
1.00	254.00	77.00	600.00	-133.3	-38.3
1.50	252.59	77.17	900.00	-195.8	-61.6
2.00	260.57	77.31	1200.00	-266.8	-44.6
2.50	300.15	80.88	1500.00	-208.7	120.9
3.00	323.52	78.00	1800.00	-228.1	307.8
3.50	326.33	71.45	2100.00	-391.6	586.5
4.00	331.83	68.05	2400.00	-457.8	852.7
4.50	336.32	64.42	2700.00	-520.7	1183.7
5.00	336.85	61.18	3000.00	-650.9	1517.7
5.50	335.21	59.67	3300.00	-811.8	1752.7
6.00	336.63	57.82	3600.00	-901.2	2079.3
6.50	341.71	56.75	3900.00	-805.5	2427.9
7.00	347.47	55.10	4200.00	-639.2	2860.6
7.50	353.22	54.67	4500.00	-380.4	3168.2
8.00	357.57	55.59	4800.00	-143.3	3286.0
8.50	2.35	58.47	5100.00	128.3	3127.7
9.00	8.42	59.62	5400.00	463.7	3132.9
9.50	13.44	60.88	5700.00	733.2	3039.7
10.00	18.00	62.62	6000.00	960.6	2956.9

HEIGHT -FEET-	VELOCITY -MPH-	HEADING -DEG-
150.00	999.00	999.00
450.00	999.00	999.00
750.00	1.51	249.66
1050.00	1.66	283.51
1350.00	3.99	19.36
1650.00	4.27	354.14
1950.00	7.34	329.66
2250.00	6.23	346.10
2550.00	7.66	349.32
2850.00	8.15	338.76
3150.00	6.47	325.66
3450.00	7.70	344.76
3750.00	8.21	15.36
4050.00	10.54	21.03
4350.00	9.14	40.08
4650.00	6.02	63.58
4950.00	7.15	120.26
5250.00	7.62	89.12
5550.00	6.32	98.96
5850.00	5.89	120.87

```
C-A  7/15/75 FLIGHT NO. 1   05:21          RBOSP

TIME INTO AZIMUTH  ELEVATION  HEIGHT      X       Y          HEIGHT    VELOCITY  HEADING
 FLIGHT    -DEG.-    -DEG.-   -FEET-   -FEET-  -FEET-        -FEET-     -MPH-    -DEG-
-MINUTES-

   0.00      0.00      0.00      0.00   960.6  2956.9
                                                              150.00    999.00    999.00
   0.50    999.00    999.00    300.00   999.0   999.0
                                                              450.00    999.00    999.00
   1.00    999.00    999.00    600.00   999.0   999.0
                                                              750.00    999.00    999.00
   1.50     43.71     42.53    900.00   678.1   709.5
                                                             1050.00     11.66     41.09
   2.00     42.81     38.78   1200.00  1015.1  1096.1
                                                             1350.00     11.89     55.92
   2.50     46.20     36.78   1500.00  1448.4  1339.4
                                                             1650.00     11.35     57.88
   3.00     48.52     35.78   1800.00  1871.4  1655.0
                                                             1950.00     11.22     70.77
   3.50     52.14     35.35   2100.00  2337.6  1817.8
                                                             2250.00     12.61     87.55
   4.00     57.52     35.00   2400.00  2891.8  1841.6
                                                             2550.00     14.74     87.40
   4.50     62.15     34.00   2700.00  3539.7  1871.2
                                                             2850.00     15.76     87.87
   5.00     65.87     32.90   3000.00  4232.7  1897.1
                                                             3150.00     15.93     88.41
   5.50     68.78     31.95   3300.00  4933.3  1916.8
                                                             3450.00     15.55     91.00
   6.00     71.28     31.26   3600.00  5617.4  1905.0
                                                             3750.00     16.10     96.90
   6.50     73.95     30.67   3900.00  6320.9  1820.1
                                                             4050.00     15.33     98.94
   7.00     76.22     30.28   4200.00  6987.3  1715.5
                                                             4350.00     14.57     97.37
   7.50     77.92     30.00   4500.00  7623.0  1633.5
                                                             4650.00     14.06     92.32
   8.00     78.97     29.76   4800.00  8241.2  1608.6
                                                             4950.00     13.26     90.74
   8.50     79.73     29.63   5100.00  8824.6  1601.3
                                                             5250.00     11.04     87.73
   9.00     80.14     29.75   5400.00  9310.2  1620.7
                                                             5550.00      8.94     83.14
   9.50     80.26     30.08   5700.00  9700.9  1667.8
                                                             5850.00      7.86     76.43
  10.00     80.13     30.50   6000.00 10037.1  1749.1
```

```
C-A  7/15/75 FLIGHT NO. 2  08:02          RBOSP

 TIME INTO AZIMUTH  ELEVATION  HEIGHT     X      Y          HEIGHT    VELOCITY  HEADING
  FLIGHT   -DEG.-    -DEG.-   -FEET-  -FEET- -FEET-        -FEET-    -MPH-     -DEG-
 -MINUTES-

    0.00     0.00      0.00      0.00     0.0     0.0
                                                             150.00      4.79    358.62
    0.50   358.62     54.90    300.00    -5.3   210.9
                                                             450.00      5.61     26.54
    1.00    13.67     53.48    600.00   105.0   431.9
                                                             750.00      5.07     30.41
    1.50    19.25     53.70    900.00   218.0   624.4
                                                            1050.00      4.92     31.36
    2.00    22.23     53.93   1200.00   330.8   809.5
                                                            1350.00      7.18     46.68
    2.50    28.65     52.07   1500.00   560.6  1026.3
                                                            1650.00     12.13     49.54
    3.00    35.16     47.00   1800.00   966.7  1372.8
                                                            1950.00     11.44     55.55
    3.50    39.82     44.23   2100.00  1381.6  1657.5
                                                            2250.00     14.46     66.22
    4.00    45.74     41.20   2400.00  1963.7  1914.2
                                                            2550.00     17.41     65.80
    4.50    50.08     37.88   2700.00  2662.2  2228.3
                                                            2850.00     20.39     77.96
    5.00    55.70     35.00   3000.00  3539.8  2415.6
                                                            3150.00     19.57     76.39
    5.50    59.12     32.91   3300.00  4376.8  2618.5
                                                            3450.00     18.69     77.24
    6.00    61.61     31.45   3600.00  5178.9  2800.4
                                                            3750.00     18.07     73.44
    6.50    63.01     30.33   3900.00  5940.7  3027.2
                                                            4050.00     17.53     71.62
    7.00    63.90     29.48   4200.00  6672.7  3270.7
                                                            4350.00     13.78     73.07
    7.50    64.59     29.27   4500.00  7253.0  3447.4
                                                            4650.00      9.87     79.15
    8.00    65.33     29.60   4800.00  7679.3  3529.2
                                                            4950.00     10.69     80.07
    8.50    66.10     29.80   5100.00  8142.6  3610.4
                                                            5250.00     12.00     67.17
    9.00    66.16     29.79   5400.00  8629.1  3815.3
                                                            5550.00     11.36     56.99
    9.50    65.80     29.86   5700.00  9057.3  4072.9
                                                            5850.00      9.51     36.78
   10.00    64.67     30.23   6000.00  9307.9  4408.2
```

C-A 7/15/75 FLIGHT NO. 3 11:00 RBOSP

TIME INTO FLIGHT -MINUTES-	AZIMUTH -DEG.-	ELEVATION -DEG.-	HEIGHT -FEET-	X -FEET-	Y -FEET-
0.00	0.00	0.00	0.00	0.0	0.0
0.50	58.51	69.57	300.00	95.3	58.4
1.00	57.52	57.63	600.00	320.9	204.4
1.50	57.03	55.33	900.00	522.4	339.0
2.00	61.26	55.73	1200.00	717.1	393.5
2.50	62.15	57.00	1500.00	861.5	455.4
3.00	61.58	59.47	1800.00	933.9	505.6
3.50	60.67	59.73	2100.00	1068.9	600.9
4.00	59.34	60.97	2400.00	1146.2	679.8
4.50	60.05	63.02	2700.00	1191.5	686.8
5.00	62.00	63.18	3000.00	1339.7	712.7
5.50	62.44	62.94	3300.00	1495.1	780.7
6.00	61.05	62.63	3600.00	1631.4	902.9
6.50	58.83	62.22	3900.00	1758.6	1064.2
7.00	56.38	61.48	4200.00	1901.2	1264.6
7.50	53.92	60.27	4500.00	2077.7	1514.5
8.00	52.39	59.31	4800.00	2257.6	1739.8
8.50	51.39	58.70	5100.00	2423.8	1936.2

HEIGHT -FEET-	VELOCITY -MPH-	HEADING -DEG-
150.00	2.54	58.51
450.00	6.11	57.11
750.00	5.51	56.26
1050.00	4.60	74.39
1350.00	3.57	66.79
1650.00	2.00	55.26
1950.00	3.75	54.81
2250.00	2.51	44.41
2550.00	1.04	81.18
2850.00	3.42	80.11
3150.00	3.85	66.38
3450.00	4.16	48.14
3750.00	4.67	38.24
4050.00	5.59	35.45
4350.00	6.95	35.23
4650.00	6.55	38.62
4950.00	5.85	40.24

```
C-A  7/15/75 FLIGHT NO. 4  17:00            RBOSP

TIME INTO AZIMUTH   ELEVATION  HEIGHT       X       Y          HEIGHT    VELOCITY  HEADING
  FLIGHT   -DEG.-     -DEG.-   -FEET-    -FEET-  -FEET-        -FEET-     -MPH-    -DEG-
-MINUTES-

   0.00      0.00       0.00      0.00      0.0      0.0
                                                                150.00      2.81    263.98
   0.50    263.98      67.62    300.00   -122.9    -13.1
                                                                450.00      4.44    230.99
   1.00    243.68      62.96    600.00   -274.5   -136.1
                                                                750.00      5.51    250.70
   1.50    246.78      58.68    900.00   -503.3   -216.4
                                                               1050.00      6.31    256.90
   2.00    250.18      55.58   1200.00   -773.6   -279.6
                                                               1350.00      7.37    281.06
   2.50    258.78      53.42   1500.00  -1092.1   -217.6
                                                               1650.00      7.23    299.13
   3.00    267.42      52.70   1800.00  -1370.3    -63.0
                                                               1950.00      7.59    301.01
   3.50    273.81      51.68   2100.00  -1656.7    108.8
                                                               2250.00      9.05    350.44
   4.00    286.28      53.22   2400.00  -1723.3    501.5
                                                               2550.00     12.92     16.42
   4.50    303.87      55.15   2700.00  -1562.7   1046.6
                                                               2850.00     15.16     19.02
   5.00    321.33      54.38   3000.00  -1345.3   1677.4
                                                               3150.00     12.53     25.66
   5.50    333.12      53.55   3300.00  -1104.8   2173.7
                                                               3450.00     17.02     27.11
   6.00    345.02      50.76   3600.00   -763.5   2840.5
                                                               3750.00     18.99     22.74
   6.50    353.11      47.00   3900.00   -440.6   3611.2
                                                               4050.00     19.71     22.31
   7.00    358.62      43.58   4200.00   -111.5   4413.4
                                                               4350.00     20.92     22.33
   7.50      2.59      40.50   4500.00    238.1   5264.9
                                                               4650.00     21.46     23.67
   8.00      5.75      37.93   4800.00    617.1   6129.8
                                                               4950.00     22.21     22.63
   8.50      8.04      35.69   5100.00    993.1   7032.0
                                                               5250.00     21.44     25.27
   9.00     10.04      34.00   5400.00   1395.8   7885.2
                                                               5550.00     22.91     29.07
   9.50     12.14      32.45   5700.00   1885.3   8766.1
                                                               5850.00     23.13     31.43
  10.00     14.08      31.14   6000.00   2416.0   9634.6
```

C-A 7/16/75 FLIGHT NO. 1 05:00 RBOSP

TIME INTO FLIGHT -MINUTES-	AZIMUTH -DEG.-	ELEVATION -DEG.-	HEIGHT -FEET-	X -FEET-	Y -FEET-
0.00	0.00	0.00	0.00	0.0	0.0
0.50	207.50	77.00	300.00	-32.0	-61.5
1.00	289.60	61.00	600.00	-313.6	111.3
1.50	303.72	51.62	900.00	-593.5	395.3
2.00	315.55	48.00	1200.00	-757.7	770.8
2.50	326.60	45.87	1500.00	-802.6	1214.3
3.00	337.48	43.92	1800.00	-718.0	1726.3
3.50	348.91	39.37	2100.00	-495.3	2511.6
4.00	356.79	35.49	2400.00	-192.5	3361.2
4.50	2.18	32.93	2700.00	158.6	4166.8
5.00	7.63	31.57	3000.00	648.3	4840.1
5.50	12.31	30.46	3300.00	1196.4	5483.5
6.00	16.78	30.00	3600.00	1800.2	5971.3
6.50	20.82	29.27	3900.00	2473.3	6505.5
7.00	24.12	28.61	4200.00	3146.8	7029.7
7.50	27.01	28.15	4500.00	3819.6	7494.8
8.00	29.61	27.78	4800.00	4502.3	7924.0
8.50	31.75	27.59	5100.00	5135.9	8301.4
9.00	33.70	27.30	5400.00	5805.3	8706.7
9.50	35.55	26.83	5700.00	6552.6	9171.7
10.00	37.45	26.56	6000.00	7298.9	9531.7

HEIGHT -FEET-	VELOCITY -MPH-	HEADING -DEG-
150.00	1.58	207.50
450.00	7.51	301.60
750.00	9.06	315.47
1050.00	9.31	336.45
1350.00	10.13	354.29
1650.00	11.79	9.38
1950.00	18.55	15.84
2250.00	20.50	19.62
2550.00	19.97	23.55
2850.00	18.92	36.03
3150.00	19.21	40.43
3450.00	17.64	51.08
3750.00	19.53	51.57
4050.00	19.40	52.12
4350.00	18.59	55.35
4650.00	18.33	57.85
4950.00	16.76	59.23
5250.00	17.78	58.82
5550.00	20.00	58.12
5850.00	18.83	64.26

```
C-A  7/16/75 FLIGHT NO. 2  08:00          RBOSP

TIME INTO AZIMUTH  ELEVATION  HEIGHT       X       Y          HEIGHT    VELOCITY  HEADING
  FLIGHT   -DEG.-    -DEG.-   -FEET-   -FEET-  -FEET-         -FEET-     -MPH-    -DEG-
-MINUTES-

   0.00      0.00      0.00      0.00      0.0     0.0
                                                              150.00      3.72    261.35
   0.50    261.35     61.42    300.00   -161.6   -24.7
                                                              450.00      4.04    303.92
   1.00    283.57     62.08    600.00   -309.3    74.4
                                                              750.00      4.23    351.72
   1.50    307.60     64.78    900.00   -336.3   258.4
                                                             1050.00    999.00    999.00
   2.00    999.00    999.00   1200.00    999.0   999.0
                                                             1350.00    999.00    999.00
   2.50      0.25     49.68   1500.00   -336.3   258.4
                                                             1650.00    999.00    999.00
   3.00    999.00    999.00   1800.00    999.0   999.0
                                                             1950.00    999.00    999.00
   3.50    999.00    999.00   2100.00    999.0   999.0
                                                             2250.00    999.00    999.00
   4.00     20.25     36.66   2400.00   1116.1  3026.1
                                                             2550.00     12.77     55.81
   4.50     25.32     36.15   2700.00   1580.7  3341.8
                                                             2850.00     11.63     59.49
   5.00     29.31     36.00   3000.00   2021.5  3601.6
                                                             3150.00     12.13     60.43
   5.50     32.75     35.69   3300.00   2485.5  3865.1
                                                             3450.00     12.28     65.59
   6.00     36.07     35.45   3600.00   2977.3  4088.4
                                                             3750.00     12.57     64.95
   6.50     38.83     35.11   3900.00   3478.4  4322.7
                                                             4050.00     12.76     67.09
   7.00     41.35     34.78   4200.00   3995.7  4541.4
                                                             4350.00     13.13     63.93
   7.50     43.28     34.35   4500.00   4514.4  4795.3
                                                             4650.00     13.03     62.93
   8.00     44.83     33.96   4800.00   5025.1  5056.5
                                                             4950.00     11.71     69.48
   8.50     46.45     33.87   5100.00   5507.5  5237.2
                                                             5250.00      8.90     74.54
   9.00     47.78     34.20   5400.00   5885.1  5341.7
                                                             5550.00      7.76     72.76
   9.50     48.78     34.62   5700.00   6211.0  5442.9
                                                             5850.00      6.90     68.01
  10.00     49.45     35.08   6000.00   6492.4  5556.6
```

```
C-A  7/17/75 FLIGHT NO. 1  05:13          RBOSP

  TIME INTO AZIMUTH  ELEVATION  HEIGHT      X       Y          HEIGHT     VELOCITY   HEADING
   FLIGHT    -DEG.-    -DEG.-   -FEET-   -FEET-  -FEET-        -FEET-      -MPH-     -DEG-
  -MINUTES-

     0.00      0.00      0.00      0.00      0.0      0.0
                                                                150.00       8.07      18.42
     0.50     18.42     40.19    300.00    112.2    337.0
                                                                450.00      10.22      26.85
     1.00     23.13     36.78    600.00    315.3    738.3
                                                                750.00      18.09      40.85
     1.50     31.95     29.68    900.00    835.7   1340.3
                                                               1050.00      22.97      34.90
     2.00     33.10     24.87   1200.00   1413.8   2169.2
                                                               1350.00      23.32      37.68
     2.50     34.40     22.55   1500.00   2041.0   2981.5
                                                               1650.00      22.35      47.11
     3.00     37.11     21.47   1800.00   2761.4   3650.8
                                                               1950.00      24.28      58.66
     3.50     41.14     20.61   2100.00   3673.9   4206.7
                                                               2250.00      25.92      63.08
     4.00     44.81     19.83   2400.00   4690.7   4723.3
                                                               2550.00      26.76      65.02
     4.50     47.81     19.16   2700.00   5757.9   5220.8
                                                               2850.00      27.32      64.30
     5.00     50.00     18.57   3000.00   6841.1   5742.2
                                                               3150.00      27.00      64.41
     5.50     51.68     18.12   3300.00   7912.4   6255.5
                                                               3450.00      25.00      66.23
     6.00     53.10     17.89   3600.00   8919.1   6699.1
                                                               3750.00      23.52      68.19
     6.50     54.37     17.79   3900.00   9879.7   7083.7
                                                               4050.00      21.14      66.26
     7.00     55.21     17.82   4200.00  10731.1   7458.4
                                                               4350.00      21.84      69.49
     7.50     56.18     17.82   4500.00  11631.2   7795.4
                                                               4650.00      23.07      74.02
     8.00     57.37     17.78   4800.00  12606.8   8075.0
                                                               4950.00      23.57      76.49
     8.50     58.59     17.73   5100.00  13615.2   8317.6
                                                               5250.00      23.95      77.60
     9.00     59.75     17.67   5400.00  14644.2   8544.1
                                                               5550.00      23.83      80.38
     9.50     60.93     17.63   5700.00  15678.0   8719.6
                                                               5850.00      24.21      81.46
    10.00     62.06     17.58   6000.00  16731.5   8878.2
```

C-A 7/17/75 FLIGHT NO. 2 08:00 RBOSP

TIME INTO FLIGHT -MINUTES-	AZIMUTH -DEG.-	ELEVATION -DEG.-	HEIGHT -FEET-	X -FEET-	Y -FEET-
0.00	0.00	0.00	0.00	0.0	0.0
0.50	56.22	48.58	300.00	220.0	147.2
1.00	52.48	36.18	600.00	650.8	499.9
1.50	56.95	30.54	900.00	1278.8	832.4
2.00	53.79	27.60	1200.00	1852.2	1356.6
2.50	55.47	26.72	1500.00	2455.1	1689.9
3.00	57.22	26.00	1800.00	3103.1	1999.1
3.50	58.98	25.22	2100.00	3821.4	2299.0
4.00	60.48	24.19	2400.00	4649.6	2634.0
4.50	61.57	23.49	2700.00	5463.9	2959.4
5.00	62.48	23.05	3000.00	6253.3	3259.7
5.50	63.53	22.66	3300.00	7076.5	3525.4
6.00	64.73	22.33	3600.00	7926.8	3744.0
6.50	65.73	22.02	3900.00	8791.8	3966.4
7.00	66.56	21.69	4200.00	9689.2	4203.4
7.50	67.61	21.37	4500.00	10634.6	4383.9
8.00	68.16	21.11	4800.00	11542.0	4628.8
8.50	68.42	20.93	5100.00	12401.4	4908.3
9.00	68.55	20.72	5400.00	13288.4	5224.5
9.50	68.63	20.58	5700.00	14138.6	5536.0
10.00	68.73	20.49	6000.00	14964.3	5829.2

HEIGHT -FEET-	VELOCITY -MPH-	HEADING -DEG-
150.00	6.02	56.22
450.00	12.65	50.70
750.00	16.15	62.11
1050.00	17.66	47.58
1350.00	15.66	61.08
1650.00	16.32	64.50
1950.00	17.69	67.36
2250.00	20.30	67.99
2550.00	19.93	68.23
2850.00	19.20	69.19
3150.00	19.66	72.12
3450.00	19.95	75.60
3750.00	20.30	75.59
4050.00	21.09	75.22
4350.00	21.87	79.21
4650.00	21.36	74.91
4950.00	20.54	72.00
5250.00	21.40	70.39
5550.00	20.58	69.89
5850.00	19.91	70.46

C-A 7/17/75 FLIGHT NO. 3 11:00 RBOSP

TIME INTO FLIGHT -MINUTES-	AZIMUTH -DEG.-	ELEVATION -DEG.-	HEIGHT -FEET-	X -FEET-	Y -FEET-
0.00	0.00	0.00	0.00	0.0	0.0
0.50	42.92	30.00	300.00	353.9	380.7
1.00	45.65	26.74	600.00	851.7	832.8
1.50	47.42	26.32	900.00	1339.8	1231.5
2.00	45.97	26.29	1200.00	1746.6	1688.9
2.50	44.12	26.82	1500.00	2065.6	2130.7
3.00	42.72	26.65	1800.00	2433.4	2636.0
3.50	42.82	26.34	2100.00	2883.2	3112.2
4.00	43.13	26.21	2400.00	3333.2	3559.3
4.50	43.91	26.67	2700.00	3728.2	3874.0
5.00	45.47	26.63	3000.00	4265.5	4197.4
5.50	46.97	26.67	3300.00	4802.9	4484.9
6.00	48.90	26.23	3600.00	5506.3	4805.0
6.50	49.92	26.27	3900.00	6046.3	5089.5
7.00	49.72	26.59	4200.00	6401.9	5427.1
7.50	49.13	26.92	4500.00	6702.2	5801.4
8.00	48.73	26.97	4800.00	7090.3	6224.4
8.50	48.72	27.04	5100.00	7509.6	6594.8
9.00	49.40	26.39	5400.00	8263.8	7085.3
9.50	50.33	25.18	5700.00	9333.1	7742.8
10.00	51.20	24.03	6000.00	10488.6	8435.9

HEIGHT -FEET-	VELOCITY -MPH-	HEADING -DEG-
150.00	11.81	42.92
450.00	15.28	47.76
750.00	14.32	50.77
1050.00	13.91	41.66
1350.00	12.38	35.84
1650.00	14.20	36.06
1950.00	14.89	43.37
2250.00	14.42	45.20
2550.00	11.48	51.46
2850.00	14.25	58.97
3150.00	13.85	61.86
3450.00	17.56	65.54
3750.00	13.87	62.23
4050.00	11.14	46.49
4350.00	10.91	38.75
4650.00	13.05	42.54
4950.00	12.71	48.55
5250.00	20.45	56.98
5550.00	28.53	58.42
5850.00	30.62	59.05

```
C-A  7/17/75 FLIGHT NO. 4  17:00          RBOSP

 TIME INTO AZIMUTH  ELEVATION  HEIGHT      X       Y          HEIGHT    VELOCITY  HEADING
  FLIGHT    -DEG.-    -DEG.-   -FEET-   -FEET-  -FEET-        -FEET-    -MPH-     -DEG-
 -MINUTES-

    0.00      0.00      0.00      0.00     0.0     0.0
                                                              150.00      6.67     35.92
    0.50     35.92     45.63    300.00   172.2   237.8
                                                              450.00      9.03     43.24
    1.00     40.13     41.03    600.00   444.4   527.4
                                                              750.00     13.06     48.74
    1.50     44.04     35.53    900.00   876.2   906.4
                                                             1050.00     12.46     52.79
    2.00     46.69     33.63   1200.00  1312.9  1238.0
                                                             1350.00     13.82     48.16
    2.50     47.06     31.88   1500.00  1765.7  1643.6
                                                             1650.00     16.83     45.02
    3.00     46.58     29.73   1800.00  2289.5  2167.3
                                                             1950.00     16.87     44.69
    3.50     46.22     28.34   2100.00  2811.4  2695.0
                                                             2250.00     17.57     58.35
    4.00     48.22     27.29   2400.00  3469.2  3100.7
                                                             2550.00     18.89     60.08
    4.50     50.01     26.28   2700.00  4189.6  3515.4
                                                             2850.00     19.71     63.23
    5.00     51.81     25.41   3000.00  4963.9  3906.2
                                                             3150.00     16.77     55.83
    5.50     52.23     25.08   3300.00  5574.2  4320.7
                                                             3450.00     15.22     54.88
    6.00     52.46     25.00   3600.00  6122.1  4706.1
                                                             3750.00     18.89     56.06
    6.50     52.81     24.52   3900.00  6811.7  5170.3
                                                             4050.00     26.66     57.12
    7.00     53.33     23.37   4200.00  7795.6  5807.2
                                                             4350.00     30.48     55.23
    7.50     53.56     22.14   4500.00  8898.2  6572.4
                                                             4650.00     31.41     56.89
    8.00     53.93     21.10   4800.00 10055.6  7327.3
                                                             4950.00     33.50     59.79
    8.50     54.55     20.14   5100.00 11329.3  8069.2
                                                             5250.00     33.50     62.18
    9.00     55.28     19.36   5400.00 12632.9  8757.4
                                                             5550.00     27.06     67.17
    9.50     56.13     19.02   5700.00 13730.4  9219.7
                                                             5850.00     25.43     67.07
   10.00     56.82     18.79   6000.00 14760.9  9655.8
```

C-A 7/18/75 FLIGHT NO. 1 05:00 RBOSP

TIME INTO FLIGHT -MINUTES-	AZIMUTH -DEG.-	ELEVATION -DEG.-	HEIGHT -FEET-	X -FEET-	Y -FEET-
0.00	0.00	0.00	0.00	14760.9	9655.8
0.50	999.00	999.00	300.00	999.0	999.0
1.00	60.50	76.60	600.00	124.5	70.5
1.50	73.30	53.80	900.00	631.1	189.5
2.00	75.32	39.00	1200.00	1433.8	376.0
2.50	76.82	31.04	1500.00	2427.2	569.1
3.00	80.50	27.06	1800.00	3475.9	582.6
3.50	83.78	25.37	2100.00	4403.3	481.1
4.00	86.77	24.31	2400.00	5305.5	300.9
4.50	88.92	23.71	2700.00	6148.0	117.7
5.00	90.86	23.40	3000.00	6933.3	-102.0
5.50	92.21	23.28	3300.00	7665.9	-293.5
6.00	93.00	23.14	3600.00	8414.1	-438.4
6.50	93.61	23.07	3900.00	9140.6	-573.9
7.00	94.21	23.05	4200.00	9846.3	-721.7
7.50	94.06	23.00	4500.00	10577.2	-747.5
8.00	93.30	22.90	4800.00	11346.9	-650.8
8.50	92.53	22.74	5100.00	12158.9	-533.5
9.00	91.68	22.52	5400.00	13021.1	-378.0
9.50	90.78	22.23	5700.00	13948.2	-185.7
10.00	89.94	21.92	6000.00	14913.5	20.0

HEIGHT -FEET-	VELOCITY -MPH-	HEADING -DEG-
150.00	999.00	999.00
450.00	999.00	999.00
750.00	11.83	76.79
1050.00	18.73	76.94
1350.00	23.00	79.02
1650.00	23.83	89.28
1950.00	21.20	96.26
2250.00	20.91	101.31
2550.00	19.60	102.29
2850.00	18.53	105.65
3150.00	17.21	104.67
3450.00	17.32	100.98
3750.00	16.80	100.58
4050.00	16.39	101.85
4350.00	16.62	92.03
4650.00	17.63	82.85
4950.00	18.65	81.80
5250.00	19.91	79.79
5550.00	21.52	78.30
5850.00	22.43	77.98

C-A 7/18/75 FLIGHT NO. 2 08:05 RBOSP

TIME INTO FLIGHT -MINUTES-	AZIMUTH -DEG.-	ELEVATION -DEG.-	HEIGHT -FEET-	X -FEET-	Y -FEET-
0.00	0.00	0.00	0.00	0.0	0.0
0.50	50.08	43.28	300.00	244.4	204.5
1.00	56.01	40.08	600.00	591.3	398.8
1.50	61.75	37.32	900.00	1040.1	559.1
2.00	67.83	36.48	1200.00	1503.1	612.9
2.50	72.19	36.27	1500.00	1946.6	625.9
3.00	77.31	34.69	1800.00	2537.5	572.1
3.50	82.06	32.16	2100.00	3308.5	462.4
4.00	85.36	30.00	2400.00	4144.1	337.5
4.50	87.11	28.42	2700.00	4984.1	253.0
5.00	87.96	27.35	3000.00	5797.5	208.2
5.50	88.17	26.70	3300.00	6559.3	211.5
6.00	88.69	26.17	3600.00	7325.5	169.7
6.50	89.95	25.78	3900.00	8076.5	9.4
7.00	91.05	25.36	4200.00	8861.7	-156.7
7.50	91.54	25.03	4500.00	9635.8	-256.1
8.00	91.62	24.93	4800.00	10324.7	-288.9
8.50	91.20	24.82	5100.00	11027.3	-227.7
9.00	90.66	24.77	5400.00	11704.5	-131.3
9.50	90.14	24.83	5700.00	12321.6	-26.5
10.00	89.75	24.90	6000.00	12928.5	60.2

HEIGHT -FEET-	VELOCITY -MPH-	HEADING -DEG-
150.00	7.24	50.08
450.00	9.04	60.76
750.00	10.83	70.36
1050.00	10.59	83.39
1350.00	10.08	88.34
1650.00	13.48	95.22
1950.00	17.70	98.11
2250.00	19.20	98.52
2550.00	19.19	95.76
2850.00	18.52	93.17
3150.00	17.31	89.77
3450.00	17.44	93.14
3750.00	17.45	102.06
4050.00	18.24	101.96
4350.00	17.74	97.34
4650.00	15.68	92.74
4950.00	16.03	85.04
5250.00	15.55	81.92
5550.00	14.23	80.37
5850.00	13.93	81.89

```
C-A  7/18/75 FLIGHT NO. 3  10:45          RBOSP

 TIME INTO AZIMUTH  ELEVATION  HEIGHT      X       Y           HEIGHT    VELOCITY  HEADING
  FLIGHT   -DEG.-    -DEG.-    -FEET-   -FEET-  -FEET-         -FEET-     -MPH-     -DEG-
-MINUTES-

   0.00      0.00      0.00      0.00      0.0     0.0
                                                               150.00      3.63    104.50
   0.50    104.50     62.00    300.00    154.5   -39.9
                                                               450.00      1.56     75.08
   1.00     95.75     69.70    600.00    221.0   -22.2
                                                               750.00      2.23    101.77
   1.50     97.59     70.46    900.00    316.9   -42.1
                                                              1050.00      3.92     47.49
   2.00     80.50     69.45   1200.00    444.0    74.4
                                                              1350.00      4.41     27.15
   2.50     65.12     68.64   1500.00    532.5   247.1
                                                              1650.00      4.05     76.57
   3.00     67.78     67.05   1800.00    706.0   288.6
                                                              1950.00      2.95     73.56
   3.50     68.62     67.00   2100.00    830.5   325.3
                                                              2250.00      3.76     88.10
   4.00     71.63     66.40   2400.00    995.6   330.9
                                                              2550.00      8.44     88.47
   4.50     76.01     62.46   2700.00   1366.8   340.9
                                                              2850.00     12.97     78.40
   5.00     76.70     56.60   3000.00   1925.7   455.7
                                                              3150.00     15.18     75.51
   5.50     76.40     51.28   3300.00   2572.2   623.0
                                                              3450.00     14.73     80.98
   6.00     77.30     47.56   3600.00   3212.2   724.7
                                                              3750.00     12.96     85.92
   6.50     78.57     45.32   3900.00   3781.1   765.5
                                                              4050.00      9.29     81.60
   7.00     78.86     44.56   4200.00   4185.7   825.4
                                                              4350.00      7.83     73.90
   7.50     78.49     44.32   4500.00   4516.5   920.9
                                                              4650.00      7.24     74.46
   8.00     78.23     44.26   4800.00   4823.2  1006.3
                                                              4950.00      6.45     72.35
   8.50     77.91     44.40   5100.00   5093.6  1092.4
                                                              5250.00      5.84     74.51
   9.00     77.75     44.66   5400.00   5341.3  1161.1
                                                              5550.00      5.21    100.66
   9.50     78.65     45.12   5700.00   5566.5  1118.9
                                                              5850.00      5.55     95.10
  10.00     79.32     45.43   6000.00   5809.7  1097.2
```

C-A 7/18/75 FLIGHT NO. 4 17:03

RBOSP

TIME INTO FLIGHT -MINUTES-	AZIMUTH -DEG.-	ELEVATION -DEG.-	HEIGHT -FEET-	X -FEET-	Y -FEET-
0.00	0.00	0.00	0.00	0.0	0.0
0.50	5.32	37.12	300.00	36.8	394.8
1.00	7.75	34.49	600.00	117.8	865.6
1.50	7.42	34.38	900.00	169.9	1304.7
2.00	13.00	34.28	1200.00	396.0	1715.8
2.50	13.46	34.03	1500.00	517.1	2160.9
3.00	12.07	34.30	1800.00	551.8	2581.0
3.50	6.62	35.73	2100.00	336.6	2900.5

HEIGHT -FEET-	VELOCITY -MPH-	HEADING -DEG-
150.00	9.01	5.32
450.00	10.86	9.77
750.00	10.05	6.77
1050.00	10.66	28.82
1350.00	10.48	15.22
1650.00	9.58	4.72
1950.00	8.76	326.09

C-A 7/19/75 FLIGHT NO. 1 05:10 RBOSP

TIME INTO FLIGHT -MINUTES-	AZIMUTH -DEG.-	ELEVATION -DEG.-	HEIGHT -FEET-	X -FEET-	Y -FEET-
0.00	0.00	0.00	0.00	0.0	0.0
0.50	73.11	72.52	300.00	90.5	27.5
1.00	72.39	79.48	600.00	106.3	33.8
1.50	346.18	83.70	900.00	-23.9	96.7
2.00	321.06	74.39	1200.00	-211.2	260.8
2.50	295.18	68.00	1500.00	-549.1	257.5
3.00	294.15	62.28	1800.00	-863.8	386.3
3.50	293.02	57.44	2100.00	-1235.2	523.4
4.00	292.48	55.01	2400.00	-1553.4	641.1
4.50	291.94	52.96	2700.00	-1891.4	759.8
5.00	293.62	53.15	3000.00	-2061.6	899.2
5.50	296.31	55.51	3300.00	-2034.1	1003.3
6.00	299.93	58.42	3600.00	-1919.8	1102.7
6.50	303.02	63.31	3900.00	-1645.9	1067.3
7.00	304.28	67.59	4200.00	-1433.0	974.7
7.50	307.16	71.59	4500.00	-1195.5	904.3
8.00	314.03	75.00	4800.00	-926.6	893.8
8.50	326.91	77.88	5100.00	-599.7	918.1
9.00	346.18	79.58	5400.00	-238.7	965.4
9.50	6.08	79.59	5700.00	111.1	1042.8
10.00	21.42	78.16	6000.00	459.9	1172.5

HEIGHT -FEET-	VELOCITY -MPH-	HEADING -DEG-
150.00	2.15	73.11
450.00	0.39	68.40
750.00	3.29	295.84
1050.00	5.66	311.28
1350.00	7.68	269.49
1650.00	7.73	292.31
1950.00	9.00	290.32
2250.00	7.71	290.35
2550.00	8.14	289.41
2850.00	5.00	309.38
3150.00	2.45	14.82
3450.00	3.44	48.99
3750.00	6.28	97.38
4050.00	5.28	113.54
4350.00	5.63	106.54
4650.00	6.12	92.23
4950.00	7.45	85.78
5250.00	8.28	82.54
5550.00	8.14	77.54
5850.00	8.46	69.62

```
C-A  7/19/75 FLIGHT NO. 2  08:00         RBOSP

TIME INTO AZIMUTH  ELEVATION  HEIGHT      X       Y            HEIGHT    VELOCITY  HEADING
 FLIGHT    -DEG.-    -DEG.-    -FEET-  -FEET-  -FEET-         -FEET-     -MPH-     -DEG-
-MINUTES-

   0.00      0.00      0.00      0.00     0.0     0.0
                                                              150.00      1.20     269.28
   0.50    269.28     80.04    300.00   -52.8    -0.7
                                                              450.00      2.19     324.08
   1.00    305.32     77.42    600.00  -109.5    77.4
                                                              750.00      2.63       3.90
   1.50    332.31     76.39    900.00  -101.6   193.0
                                                             1050.00      5.80     348.83
   2.00    341.22     68.69   1200.00  -151.3   443.3
                                                             1350.00      4.76     344.81
   2.50    342.33     65.70   1500.00  -206.4   645.5
                                                             1650.00      4.15     352.01
   3.00    344.38     64.52   1800.00  -232.0   826.3
                                                             1950.00      1.25      39.22
   3.50    347.28     67.02   2100.00  -197.2   869.0
                                                             2250.00      2.62     191.10
   4.00    343.88     71.86   2400.00  -219.3   755.7
                                                             2550.00      4.16     179.79
   4.50    339.18     77.22   2700.00  -218.6   572.9
                                                             2850.00      5.18     173.78
   5.00    330.84     82.48   3000.00  -193.7   346.3
                                                             3150.00      5.16     159.68
   5.50    319.39     86.96   3300.00  -114.8   133.6
                                                             3450.00    999.00     999.00
   6.00    999.00    999.00   3600.00   999.0   999.0
                                                             3750.00    999.00     999.00
   6.50    999.00    999.00   3900.00   999.0   999.0
                                                             4050.00    999.00     999.00
   7.00    154.51     82.35   4200.00   243.5  -510.1
                                                             4350.00      5.42     137.22
   7.50    149.40     79.98   4500.00   405.7  -685.2
                                                             4650.00      5.00     137.50
   8.00    146.83     78.10   4800.00   554.5  -847.5
                                                             4950.00      4.15     128.11
   8.50    144.00     76.91   5100.00   698.3  -960.2
                                                             5250.00      3.77     129.88
   9.00    142.28     75.99   5400.00   825.7 -1066.5
                                                             5550.00      3.94     118.93
   9.50    139.67     75.18   5700.00   977.6 -1150.4
                                                             5850.00      5.59     101.91
  10.00    134.62     74.10   6000.00  1218.2 -1201.1
```

C-A 7/19/75 FLIGHT NO. 3 11:00 RBOSP

TIME INTO FLIGHT -MINUTES-	AZIMUTH -DEG.-	ELEVATION -DEG.-	HEIGHT -FEET-	X -FEET-	Y -FEET-
0.00	0.00	0.00	0.00	0.0	0.0
0.50	169.12	80.43	300.00	9.6	-49.7
1.00	172.85	81.43	600.00	11.3	-89.9
1.50	157.83	76.51	900.00	81.7	-200.1
2.00	147.48	71.72	1200.00	213.4	-334.4
2.50	137.96	68.64	1500.00	393.3	-435.8
3.00	136.08	68.12	1800.00	502.0	-520.8
3.50	131.20	69.07	2100.00	605.0	-529.1
4.00	124.87	69.90	2400.00	721.3	-502.2
4.50	119.33	71.08	2700.00	807.6	-453.4
5.00	113.80	71.77	3000.00	904.9	-398.7
5.50	111.12	71.71	3300.00	1018.4	-393.0
6.00	107.19	72.34	3600.00	1096.0	-338.6
6.50	114.21	72.18	3900.00	1144.5	-514.1
7.00	97.67	71.68	4200.00	1379.4	-185.3
7.50	91.63	71.81	4500.00	1479.2	-41.6

HEIGHT -FEET-	VELOCITY -MPH-	HEADING -DEG-
150.00	1.15	169.12
450.00	0.91	177.56
750.00	2.97	147.49
1050.00	4.28	135.57
1350.00	4.69	119.43
1650.00	3.14	128.06
1950.00	2.35	94.65
2250.00	2.71	76.97
2550.00	2.25	60.52
2850.00	2.54	60.69
3150.00	2.58	87.11
3450.00	2.15	54.99
3750.00	4.14	164.56
4050.00	9.18	35.54
4350.00	3.98	34.82

C-A 7/20/75 FLIGHT NO. 1 05:11 RBOSP

TIME INTO FLIGHT -MINUTES-	AZIMUTH -DEG.-	ELEVATION -DEG.-	HEIGHT -FEET-	X -FEET-	Y -FEET-
0.00	0.00	0.00	0.00	0.0	0.0
0.50	156.12	71.91	300.00	39.7	-89.7
1.00	183.92	65.38	600.00	-13.6	-274.5
1.50	197.95	62.22	900.00	-145.9	-451.4
2.00	207.16	57.78	1200.00	-344.9	-673.4
2.50	208.97	55.59	1500.00	-497.2	-899.6
3.00	212.81	54.82	1800.00	-687.0	-1067.3
3.50	219.07	55.13	2100.00	-921.8	-1137.2
4.00	226.61	54.52	2400.00	-1242.7	-1176.5
4.50	232.88	53.06	2700.00	-1613.4	-1226.9
5.00	236.71	50.84	3000.00	-2042.0	-1343.1
5.50	240.50	50.16	3300.00	-2396.1	-1358.2
6.00	244.12	49.80	3600.00	-2737.0	-1330.5
6.50	247.72	49.39	3900.00	-3094.2	-1270.7
7.00	251.02	49.46	4200.00	-3397.1	-1171.5
7.50	254.08	50.43	4500.00	-3576.5	-1023.4
8.00	256.33	52.13	4800.00	-3627.5	-885.5
8.50	257.73	53.88	5100.00	-3637.4	-794.3
9.00	258.72	55.40	5400.00	-3654.1	-732.1
9.50	259.51	57.05	5700.00	-3633.7	-676.0
10.00	260.48	58.68	6000.00	-3601.7	-607.2

HEIGHT -FEET-	VELOCITY -MPH-	HEADING -DEG-
150.00	2.23	156.12
450.00	4.41	197.57
750.00	4.95	215.77
1050.00	6.78	221.91
1350.00	6.20	214.00
1650.00	5.76	228.58
1950.00	5.57	253.47
2250.00	7.35	263.07
2550.00	8.62	262.42
2850.00	9.98	254.70
3150.00	8.06	267.61
3450.00	7.77	274.69
3750.00	8.23	279.56
4050.00	7.24	288.19
4350.00	5.29	309.61
4650.00	3.34	339.77
4950.00	2.08	353.86
5250.00	1.46	345.07
5550.00	1.35	19.94
5850.00	1.73	24.96

```
C-A  7/20/75 FLIGHT NO. 2  08:00          RBOSP

 TIME INTO AZIMUTH  ELEVATION  HEIGHT       X       Y         HEIGHT    VELOCITY  HEADING
  FLIGHT    -DEG.-    -DEG.-    -FEET-   -FEET-  -FEET-       -FEET-    -MPH-     -DEG-
 -MINUTES-

   0.00      0.00      0.00      0.00      0.0      0.0
                                                              150.00      4.26    206.50
   0.50    206.50     58.00    300.00    -83.6   -167.9
                                                              450.00    999.00    999.00
   1.00    999.00    999.00    600.00    999.0    999.0
                                                              750.00    999.00    999.00
   1.50    999.00    999.00    900.00    999.0    999.0
                                                             1050.00    999.00    999.00
   2.00    176.32     49.85   1200.00     65.6  -1010.5
                                                             1350.00      9.45    209.03
   2.50    185.68     47.38   1500.00   -135.8  -1374.0
                                                             1650.00      9.59    214.78
   3.00    192.37     45.63   1800.00   -376.2  -1720.7
                                                             1950.00      9.18    203.39
   3.50    194.42     44.21   2100.00   -536.4  -2091.7
                                                             2250.00      8.35    186.15
   4.00    193.22     43.57   2400.00   -575.6  -2457.1
                                                             2550.00      7.43    176.40
   4.50    191.31     43.58   2700.00   -554.8  -2783.3
                                                             2850.00      5.14    192.53
   5.00    191.40     44.40   3000.00   -603.8  -3004.3
                                                             3150.00      4.76    204.15
   5.50    192.21     45.28   3300.00   -689.3  -3195.4
                                                             3450.00      4.66    206.57
   6.00    193.05     46.08   3600.00   -780.9  -3378.8
                                                             3750.00      4.76    224.56
   6.50    194.77     46.92   3900.00   -927.8  -3528.2
                                                             4050.00      3.62    242.88
   7.00    196.58     48.20   4200.00  -1069.6  -3600.9
                                                             4350.00      2.75    240.44
   7.50    197.83     49.50   4500.00  -1174.8  -3660.7
                                                             4650.00      2.44    291.86
   8.00    199.43     51.36   4800.00  -1274.6  -3620.8
                                                             4950.00      2.21    331.83
   8.50    200.52     53.51   5100.00  -1320.5  -3535.2
                                                             5250.00      4.17     27.56
   9.00    200.16     56.38   5400.00  -1235.7  -3372.7
                                                             5550.00      5.79     48.50
   9.50    198.10     59.42   5700.00  -1044.8  -3203.7
                                                             5850.00      4.95     61.89
  10.00    195.41     61.82   6000.00   -852.6  -3101.0
```

C-A 7/20/75 FLIGHT NO. 3 11:00 RBOSP

TIME INTO FLIGHT -MINUTES-	AZIMUTH -DEG.-	ELEVATION -DEG.-	HEIGHT -FEET-	X -FEET-	Y -FEET-
0.00	0.00	0.00	0.00	0.0	0.0
0.50	256.68	46.03	300.00	-281.6	-66.9
1.00	271.60	52.32	600.00	-463.4	12.5
1.50	269.89	52.70	900.00	-685.9	-1.9
2.00	999.00	999.00	1200.00	999.0	999.0
2.50	271.16	48.54	1500.00	-685.9	-1.9
3.00	999.00	999.00	1800.00	999.0	999.0
3.50	273.18	47.01	2100.00	-1955.3	106.9
4.00	273.11	47.58	2400.00	-2190.6	117.0
4.50	272.51	48.42	2700.00	-2394.1	102.8
5.00	272.52	49.72	3000.00	-2540.9	109.5
5.50	272.48	51.18	3300.00	-2653.7	112.5
6.00	273.03	52.85	3600.00	-2724.9	141.8
6.50	999.00	999.00	3900.00	999.0	999.0
7.00	281.30	56.15	4200.00	-2764.0	549.6
7.50	289.12	61.52	4500.00	-2308.5	797.8
8.00	294.12	62.52	4800.00	-2280.8	1018.5
8.50	304.31	66.50	5100.00	-1834.0	1248.9

HEIGHT -FEET-	VELOCITY -MPH-	HEADING -DEG-
150.00	6.58	256.68
450.00	4.51	293.67
750.00	5.07	266.33
1050.00	999.00	999.00
1350.00	999.00	999.00
1650.00	999.00	999.00
1950.00	999.00	999.00
2250.00	5.35	272.53
2550.00	4.64	266.04
2850.00	3.34	272.68
3150.00	2.57	271.58
3450.00	1.75	292.37
3750.00	999.00	999.00
4050.00	999.00	999.00
4350.00	11.79	61.43
4650.00	5.06	7.16
4950.00	11.42	62.73

C-A 7/20/75 FLIGHT NO. 4 17:25

RBOSP

TIME INTO FLIGHT -MINUTES-	AZIMUTH -DEG.-	ELEVATION -DEG.-	HEIGHT -FEET-	X -FEET-	Y -FEET-
0.00	0.00	0.00	0.00	0.0	0.0
0.50	221.14	15.28	300.00	-722.0	-827.7
1.00	220.02	15.42	600.00	-1397.9	-1667.2
1.50	221.63	14.95	900.00	-2237.8	-2521.5
2.00	222.68	14.91	1200.00	-3053.3	-3316.0
2.50	223.68	14.74	1500.00	-3935.3	-4127.0
3.00	224.36	14.90	1800.00	-4727.1	-4841.1
3.50	224.24	15.05	2100.00	-5445.7	-5600.4
4.00	223.49	15.34	2400.00	-6017.8	-6353.0
4.50	222.93	15.70	2700.00	-6538.5	-7039.3
5.00	222.38	16.37	3000.00	-6879.8	-7550.7
5.50	221.38	17.08	3300.00	-7095.3	-8065.6
6.00	220.65	17.86	3600.00	-7273.5	-8483.6
6.50	220.02	19.18	3900.00	-7205.1	-8593.2
7.00	219.67	20.18	4200.00	-7290.1	-8803.3
7.50	218.97	21.20	4500.00	-7291.5	-9027.2
8.00	217.89	22.77	4800.00	-7018.1	-9031.7
8.50	217.10	23.68	5100.00	-7009.7	-9282.2
9.00	215.44	25.18	5400.00	-6654.9	-9364.6
9.50	212.54	27.55	5700.00	-5872.0	-9217.2
10.00	209.53	29.64	6000.00	-5192.1	-9180.6

HEIGHT -FEET-	VELOCITY -MPH-	HEADING -DEG-
150.00	24.96	221.14
450.00	24.50	218.88
750.00	27.23	224.56
1050.00	25.88	225.79
1350.00	27.23	227.45
1650.00	24.23	228.00
1950.00	23.76	223.46
2250.00	21.48	217.28
2550.00	19.58	217.23
2850.00	13.97	213.75
3150.00	12.69	202.75
3450.00	10.33	203.12
3750.00	2.94	148.09
4050.00	5.15	202.07
4350.00	5.09	180.39
4650.00	6.21	90.98
4950.00	5.70	178.11
5250.00	8.28	103.10
5550.00	18.11	79.35
5850.00	15.47	86.94

```
C-A  7/21/75 FLIGHT NO. 1  05:15                RBOSP

TIME INTO AZIMUTH  ELEVATION  HEIGHT      X       Y          HEIGHT   VELOCITY  HEADING
  FLIGHT   -DEG.-    -DEG.-   -FEET-   -FEET-  -FEET-       -FEET-    -MPH-     -DEG-
-MINUTES-

   0.00     0.00      0.00       0.00      0.0      0.0
                                                             150.00      2.85     42.20
   0.50    42.20     67.30     300.00     84.3     93.0
                                                             450.00      6.15     54.20
   1.00    50.40     56.70     600.00    303.8    251.4
                                                             750.00      8.47     57.50
   1.50    53.65     49.63     900.00    618.0    451.6
                                                            1050.00     10.68     52.90
   2.00    53.49     44.18    1200.00    992.7    735.1
                                                            1350.00     13.32     63.85
   2.50    56.82     39.58    1500.00   1518.9    993.6
                                                            1650.00     12.01     59.88
   3.00    57.51     37.54    1800.00   1976.1   1258.9
                                                            1950.00     11.30     60.77
   3.50    58.08     36.49    2100.00   2410.0   1501.9
                                                            2250.00     10.92     53.17
   4.00    57.37     35.88    2400.00   2794.6   1790.0
                                                            2550.00     12.34     39.84
   4.50    54.93     35.12    2700.00   3142.3   2206.8
                                                            2850.00     13.71     36.16
   5.00    52.41     34.20    3000.00   3498.3   2694.0
                                                            3150.00     12.77     36.77
   5.50    50.66     33.65    3300.00   3834.5   3144.1
                                                            3450.00     12.69     41.94
   6.00    49.78     33.16    3600.00   4207.5   3559.3
                                                            3750.00     11.71     42.87
   6.50    49.19     32.93    3900.00   4558.1   3937.1
                                                            4050.00     10.43     46.79
   7.00    49.02     32.95    4200.00   4892.3   4251.2
                                                            4350.00      7.37     48.60
   7.50    49.00     33.48    4500.00   5135.5   4465.7
                                                            4650.00      4.39     49.72
   8.00    49.02     34.45    4800.00   5282.9   4590.6
                                                            4950.00      3.70     35.25
   8.50    48.71     35.48    5100.00   5376.9   4723.5
                                                            5250.00      2.57     31.11
   9.00    48.44     36.63    5400.00   5435.3   4820.5
                                                            5550.00      2.45     24.50
   9.50    48.10     37.75    5700.00   5480.0   4918.5
                                                            5850.00      1.83     57.37
  10.00    48.20     38.88    6000.00   5547.9   4962.0
```

C-A 7/21/75 FLIGHT NO. 2 08:55 RBOSP

TIME INTO FLIGHT -MINUTES-	AZIMUTH -DEG.-	ELEVATION -DEG.-	HEIGHT -FEET-	X -FEET-	Y -FEET-
0.00	0.00	0.00	0.00	0.0	0.0
0.50	35.55	65.60	300.00	79.2	110.8
1.00	19.18	63.26	600.00	99.3	285.7
1.50	7.73	64.40	900.00	58.0	427.5
2.00	0.15	70.87	1200.00	1.1	416.6
2.50	999.00	999.00	1500.00	999.0	999.0
3.00	58.40	81.25	1800.00	236.4	145.5
3.50	89.15	76.35	2100.00	510.5	7.7
4.00	96.28	69.09	2400.00	912.1	-100.1
4.50	96.59	62.87	2700.00	1375.1	-158.4
5.00	97.23	59.75	3000.00	1736.5	-219.7
5.50	85.63	57.24	3300.00	2118.1	162.5
6.00	94.02	55.85	3600.00	2437.0	-170.5
6.50	94.42	55.23	3900.00	2700.6	-207.9
7.00	95.53	55.16	4200.00	2911.0	-280.9
7.50	97.38	56.71	4500.00	2931.7	-378.8
8.00	99.38	56.30	4800.00	3159.8	-520.9
8.50	100.90	56.61	5100.00	3302.5	-634.8
9.00	101.71	56.78	5400.00	3464.4	-716.9
9.50	102.86	57.17	5700.00	3586.9	-818.9
10.00	104.85	57.48	6000.00	3699.5	-979.5

HEIGHT -FEET-	VELOCITY -MPH-	HEADING -DEG-
150.00	3.09	35.55
450.00	4.00	6.59
750.00	3.36	343.82
1050.00	1.32	259.14
1350.00	999.00	999.00
1650.00	999.00	999.00
1950.00	6.97	116.70
2250.00	9.45	105.05
2550.00	10.60	97.20
2850.00	8.33	99.65
3150.00	12.27	44.96
3450.00	10.48	136.26
3750.00	6.05	98.09
4050.00	5.06	109.16
4350.00	2.27	168.13
4650.00	6.11	121.95
4950.00	4.15	128.64
5250.00	4.13	116.89
5550.00	3.62	129.83
5850.00	4.46	144.99

C-A 7/21/75 FLIGHT NO. 3 10:55

RBOSP

TIME INTO FLIGHT -MINUTES-	AZIMUTH -DEG.-	ELEVATION -DEG.-	HEIGHT -FEET-	X -FEET-	Y -FEET-
0.00	0.00	0.00	0.00	0.0	0.0
0.50	145.50	34.35	300.00	248.9	-361.7
1.00	148.04	39.11	600.00	391.1	-626.1
1.50	138.35	45.93	900.00	579.5	-650.9
2.00	129.22	50.80	1200.00	758.7	-618.7
2.50	130.04	56.32	1500.00	765.9	-643.0
3.00	136.05	61.50	1800.00	678.9	-703.7
3.50	142.00	62.40	2100.00	676.6	-865.2
4.00	148.05	64.15	2400.00	616.1	-986.9
4.50	140.69	68.75	2700.00	666.0	-812.6
5.00	148.35	72.69	3000.00	491.4	-796.3
5.50	156.25	75.59	3300.00	342.2	-776.7
6.00	164.57	77.58	3600.00	211.6	-765.1
6.50	162.21	79.57	3900.00	220.0	-684.5
7.00	147.03	81.72	4200.00	333.5	-513.6
7.50	120.45	80.65	4500.00	639.9	-375.9
8.00	110.58	79.39	4800.00	843.1	-316.2
8.50	104.92	78.88	5100.00	970.1	-258.1
9.00	103.62	79.38	5400.00	985.6	-238.4
9.50	100.59	80.00	5700.00	989.5	-184.7
10.00	96.85	80.57	6000.00	991.1	-118.7

HEIGHT -FEET-	VELOCITY -MPH-	HEADING -DEG-
150.00	9.98	145.50
450.00	6.82	151.76
750.00	4.32	97.52
1050.00	4.14	79.82
1350.00	0.58	163.64
1650.00	2.41	235.15
1950.00	3.67	180.84
2250.00	3.09	206.49
2550.00	4.12	15.97
2850.00	3.99	275.38
3150.00	3.42	277.54
3450.00	2.98	275.15
3750.00	1.84	5.96
4050.00	4.66	33.60
4350.00	7.64	65.81
4650.00	4.81	73.65
4950.00	3.17	65.42
5250.00	0.57	38.26
5550.00	1.23	4.22
5850.00	1.50	1.34

```
C-A  7/21/75 FLIGHT NO. 4  17:58                    RBOSP

 TIME INTO AZIMUTH  ELEVATION  HEIGHT     X      Y          HEIGHT    VELOCITY  HEADING
  FLIGHT   -DEG.-    -DEG.-   -FEET-  -FEET- -FEET-        -FEET-    -MPH-     -DEG-
 -MINUTES-

   0.00      0.00      0.00      0.00     0.0     0.0
                                                           150.00    15.67     93.39
   0.50     93.39     23.52    300.00   688.2   -40.6
                                                           450.00    23.14     98.07
   1.00     96.18     19.38    600.00  1696.2  -183.1
                                                           750.00    22.29    101.41
   1.50     98.09     18.54    900.00  2657.5  -376.9
                                                          1050.00    21.08    103.86
   2.00     99.57     18.40   1200.00  3558.0  -598.7
                                                          1350.00    19.84    103.99
   2.50    100.43     18.52   1500.00  4405.0  -809.3
                                                          1650.00    16.05    114.39
   3.00    102.32     19.21   1800.00  5048.4 -1100.8
                                                          1950.00    14.61    119.86
   3.50    104.24     19.96   2100.00  5606.2 -1420.7
                                                          2250.00     9.83    139.66
   4.00    106.58     21.35   2400.00  5886.4 -1750.3
                                                          2550.00     6.80    153.39
   4.50    108.55     23.04   2700.00  6020.6 -2017.9
                                                          2850.00     5.26    177.96
   5.00    110.48     25.00   3000.00  6029.0 -2249.3
                                                          3150.00     2.94    204.12
   5.50    111.63     27.18   3300.00  5976.3 -2367.3
                                                          3450.00     4.58    246.59
   6.00    112.93     29.80   3600.00  5791.5 -2447.5
                                                          3750.00     6.11    205.38
   6.50    115.38     31.84   3900.00  5676.5 -2690.3
                                                          4050.00     6.78    210.25
   7.00    118.10     33.85   4200.00  5526.4 -2948.1
                                                          4350.00     7.89    199.21
   7.50    121.21     35.43   4500.00  5412.3 -3276.2
                                                          4650.00     9.30    193.21
   8.00    124.66     36.60   4800.00  5319.1 -3674.4
                                                          4950.00     7.31    195.67
   8.50    127.31     37.80   5100.00  5232.5 -3984.0
                                                          5250.00     6.23    184.86
   9.00    129.28     38.76   5400.00  5209.4 -4257.1
                                                          5550.00     8.75    177.38
   9.50    131.63     39.20   5700.00  5227.2 -4641.8
                                                          5850.00     8.03    170.28
  10.00    133.37     39.54   6000.00  5287.1 -4990.2
```

C-A 7/22/75 FLIGHT NO. 1 04:58

RBOSP

TIME INTO FLIGHT -MINUTES-	AZIMUTH -DEG.-	ELEVATION -DEG.-	HEIGHT -FEET-	X -FEET-	Y -FEET-
0.00	0.00	0.00	0.00	0.0	0.0
0.50	79.50	74.30	300.00	83.0	15.4
1.00	55.70	77.75	600.00	107.7	73.5
1.50	72.85	74.25	900.00	242.7	75.0
2.00	80.28	70.30	1200.00	423.8	72.7
2.50	81.52	65.78	1500.00	657.7	99.7
3.00	82.38	59.25	1800.00	1051.9	142.4
3.50	81.35	53.51	2100.00	1536.2	234.1
4.00	80.23	49.85	2400.00	1995.8	344.2
4.50	78.91	48.21	2700.00	2358.8	465.0
5.00	78.47	46.67	3000.00	2773.6	566.6
5.50	78.75	45.54	3300.00	3176.9	632.8
6.00	79.72	44.80	3600.00	3557.9	648.1
6.50	80.82	44.29	3900.00	3947.7	639.0
7.00	83.12	43.13	4200.00	4452.3	538.5
7.50	84.96	42.00	4500.00	4979.7	440.6
8.00	86.72	41.22	4800.00	5471.6	315.1
8.50	88.63	40.92	5100.00	5833.3	142.4
9.00	90.27	40.66	5400.00	6283.6	-27.8
9.50	91.43	40.31	5700.00	6718.6	-165.7
10.00	92.12	39.97	6000.00	7155.2	-262.7

HEIGHT -FEET-	VELOCITY -MPH-	HEADING -DEG-
150.00	1.92	79.50
450.00	1.44	23.07
750.00	3.07	89.40
1050.00	4.11	90.74
1350.00	5.58	83.69
1650.00	9.01	83.84
1950.00	10.98	79.07
2250.00	10.74	76.55
2550.00	8.91	72.08
2850.00	9.49	75.92
3150.00	9.29	80.69
3450.00	8.89	87.78
3750.00	8.63	91.38
4050.00	11.70	101.29
4350.00	12.19	100.53
4650.00	11.54	104.33
4950.00	10.15	112.78
5250.00	9.99	112.80
5550.00	10.26	107.80
5850.00	10.17	102.55

C-A 7/22/75 FLIGHT NO. 2 09:00

RBOSP

TIME INTO FLIGHT -MINUTES-	AZIMUTH -DEG.-	ELEVATION -DEG.-	HEIGHT -FEET-	X -FEET-	Y -FEET-
0.00	0.00	0.00	0.00	0.0	0.0
0.50	315.50	67.80	300.00	-86.0	87.3
1.00	338.72	65.38	600.00	-100.1	256.2
1.50	349.11	64.87	900.00	-80.3	414.7
2.00	358.01	65.54	1200.00	-19.6	545.8
2.50	19.17	65.38	1500.00	225.8	649.7
3.00	41.98	62.00	1800.00	640.4	711.9
3.50	56.17	58.00	2100.00	1090.4	731.1
4.00	65.30	54.32	2400.00	1566.1	720.7
4.50	72.12	52.05	2700.00	2004.5	647.2
5.00	79.51	49.48	3000.00	2521.9	467.6
5.50	86.53	46.42	3300.00	3135.5	191.0
6.00	93.09	43.45	3600.00	3795.9	-203.7
6.50	96.54	41.07	3900.00	4447.6	-508.5
7.00	98.31	39.00	4200.00	5133.7	-748.1
7.50	99.47	37.18	4500.00	5853.8	-974.5
8.00	100.57	36.04	4800.00	6487.0	-1208.3
8.50	101.26	35.28	5100.00	7071.8	-1405.5
9.00	101.36	35.74	5400.00	7359.1	-1476.0
9.50	101.14	35.31	5700.00	7898.3	-1552.6
10.00	100.57	34.13	6000.00	8704.4	-1621.3

HEIGHT -FEET-	VELOCITY -MPH-	HEADING -DEG-
150.00	2.78	315.50
450.00	3.85	355.27
750.00	3.63	7.14
1050.00	3.28	24.83
1350.00	6.06	67.08
1650.00	9.53	81.48
1950.00	10.24	87.58
2250.00	10.81	91.26
2550.00	10.10	99.54
2850.00	12.45	109.16
3150.00	15.30	114.29
3450.00	17.49	120.89
3750.00	16.35	115.08
4050.00	16.52	109.28
4350.00	17.15	107.47
4650.00	15.34	110.29
4950.00	14.03	108.66
5250.00	6.72	103.80
5550.00	12.38	98.11
5850.00	18.39	94.89

C-A 7/22/75 FLIGHT NO. 3 11:00 RBOSP

TIME INTO FLIGHT -MINUTES-	AZIMUTH -DEG.-	ELEVATION -DEG.-	HEIGHT -FEET-	X -FEET-	Y -FEET-
0.00	0.00	0.00	0.00	8704.4	-1621.3
0.50	999.00	999.00	300.00	999.0	999.0
1.00	77.14	41.55	600.00	660.1	150.9
1.50	70.72	41.42	900.00	963.1	337.1
2.00	73.91	43.96	1200.00	1195.9	345.3
2.50	77.15	46.50	1500.00	1368.1	317.0
3.00	81.88	49.45	1800.00	1525.1	218.0
3.50	84.05	49.18	2100.00	1804.7	188.6
4.00	85.67	49.59	2400.00	2038.1	154.9
4.50	86.03	49.26	2700.00	2320.8	161.7
5.00	85.68	49.50	3000.00	2555.8	193.8
5.50	85.65	49.32	3300.00	2829.1	216.0
6.00	85.97	47.35	3600.00	3308.9	234.1
6.50	86.38	45.53	3900.00	3821.9	242.9
7.00	87.91	44.11	4200.00	4330.9	159.3
7.50	89.39	43.10	4500.00	4809.9	52.6
8.00	90.68	42.33	4800.00	5270.7	-61.0
8.50	91.98	41.84	5100.00	5694.3	-195.1
9.00	92.60	41.38	5400.00	6124.9	-276.3
9.50	92.81	41.13	5700.00	6521.2	-318.1
10.00	93.12	41.00	6000.00	6894.0	-373.7

HEIGHT -FEET-	VELOCITY -MPH-	HEADING -DEG-
150.00	999.00	999.00
450.00	999.00	999.00
750.00	8.08	58.43
1050.00	5.29	88.02
1350.00	4.42	98.38
1650.00	3.84	125.89
1950.00	6.39	96.02
2250.00	5.36	98.24
2550.00	6.43	88.63
2850.00	5.39	82.24
3150.00	6.23	85.37
3450.00	10.91	87.86
3750.00	11.66	89.03
4050.00	11.72	99.35
4350.00	11.15	102.57
4650.00	10.79	103.87
4950.00	10.10	107.59
5250.00	9.96	100.69
5550.00	9.06	96.04
5850.00	8.57	98.50

C-A 7/22/75 FLIGHT NO. 4 17:00 RBOSP

TIME INTO FLIGHT -MINUTES-	AZIMUTH -DEG.-	ELEVATION -DEG.-	HEIGHT -FEET-	X -FEET-	Y -FEET-
0.00	0.00	0.00	0.00	0.0	0.0
0.50	136.10	45.90	300.00	201.7	-209.5
1.00	133.49	41.91	600.00	485.3	-460.0
1.50	131.85	41.18	900.00	766.8	-686.2
2.00	130.68	40.13	1200.00	1080.2	-927.7
2.50	133.37	40.08	1500.00	1296.7	-1223.9
3.00	135.25	41.21	1800.00	1448.1	-1459.5
3.50	136.71	42.24	2100.00	1587.0	-1683.2
4.00	137.67	41.88	2400.00	1803.9	-1978.6
4.50	138.19	43.33	2700.00	1909.6	-2133.1
5.00	139.18	43.58	3000.00	2062.4	-2385.5
5.50	139.41	43.81	3300.00	2240.1	-2612.0
6.00	139.15	44.94	3600.00	2361.6	-2728.6
6.50	138.90	46.21	3900.00	2459.7	-2817.1
7.00	137.89	47.87	4200.00	2549.5	-2818.0
7.50	136.92	49.56	4500.00	2621.7	-2801.0
8.00	134.88	50.90	4800.00	2766.3	-2752.3
8.50	133.58	51.55	5100.00	2935.7	-2791.2
9.00	132.68	51.87	5400.00	3118.4	-2873.1
9.50	132.52	52.51	5700.00	3224.9	-2954.6
10.00	132.13	53.09	6000.00	3344.7	-3022.7

HEIGHT -FEET-	VELOCITY -MPH-	HEADING -DEG-
150.00	6.61	136.10
450.00	8.60	131.48
750.00	8.21	128.81
1050.00	8.99	127.64
1350.00	8.34	143.87
1650.00	6.36	147.31
1950.00	5.99	148.18
2250.00	8.33	143.74
2550.00	4.25	145.65
2850.00	6.71	148.83
3150.00	6.54	141.93
3450.00	3.83	133.83
3750.00	3.00	132.06
4050.00	2.04	90.65
4350.00	1.68	76.71
4650.00	3.47	71.39
4950.00	3.95	102.98
5250.00	4.55	114.15
5550.00	3.05	127.45
5850.00	3.13	119.65

```
C-A  7/23/75 FLIGHT NO. 1  05:15          RBOSP

 TIME INTO AZIMUTH  ELEVATION  HEIGHT     X       Y          HEIGHT    VELOCITY  HEADING
  FLIGHT    -DEG.-    -DEG.-   -FEET-  -FEET-  -FEET-        -FEET-    -MPH-     -DEG-
 -MINUTES-

    0.00     0.00      0.00      0.00     0.0     0.0
                                                             150.00      3.53    343.45
    0.50   343.45     62.65    300.00   -44.4   148.8
                                                             450.00      3.94    279.28
    1.00   309.38     65.10    600.00  -215.6   176.6
                                                             750.00      4.82    261.63
    1.50   288.93     63.46    900.00  -425.6   145.5
                                                            1050.00      7.78    242.23
    2.00   268.93     58.75   1200.00  -728.4   -14.2
                                                            1350.00      9.10    249.46
    2.50   262.05     53.41   1500.00 -1103.2  -155.0
                                                            1650.00      7.13    264.33
    3.00   262.55     51.59   1800.00 -1415.5  -186.3
                                                            1950.00      6.99    282.05
    3.50   265.97     50.68   2100.00 -1716.3  -122.4
                                                            2250.00      5.81    285.94
    4.00   268.52     50.73   2400.00 -1962.2   -52.4
                                                            2550.00      5.79    279.98
    4.50   269.83     50.67   2700.00 -2213.0    -8.5
                                                            2850.00      5.79    255.67
    5.00   268.38     50.65   3000.00 -2459.6   -71.7
                                                            3150.00      5.39    240.75
    5.50   266.02     51.00   3300.00 -2666.6  -187.9
                                                            3450.00      4.93    203.00
    6.00   262.03     52.35   3600.00 -2751.2  -387.6
                                                            3750.00      5.12    181.75
    6.50   257.52     54.09   3900.00 -2798.0  -612.9
                                                            4050.00      3.01    203.42
    7.00   255.40     55.34   4200.00 -2810.6  -734.6
                                                            4350.00      2.04    162.81
    7.50   253.63     57.19   4500.00 -2784.0  -820.3
                                                            4650.00      3.62    143.83
    8.00   250.62     59.29   4800.00 -2690.0  -948.7
                                                            4950.00      5.27    133.14
    8.50   246.33     61.65   5100.00 -2520.6 -1107.3
                                                            5250.00      8.88    127.29
    9.00   238.74     64.42   5400.00 -2209.8 -1343.8
                                                            5550.00      9.86    132.49
    9.50   229.15     66.33   5700.00 -1889.9 -1636.7
                                                            5850.00     13.33    131.22
   10.00   215.64     67.49   6000.00 -1448.3 -2023.1
```

```
C-A  7/23/75 FLIGHT NO. 2  08:00          RBOSP

 TIME INTO AZIMUTH  ELEVATION  HEIGHT     X       Y          HEIGHT    VELOCITY  HEADING
   FLIGHT   -DEG.-    -DEG.-   -FEET-  -FEET-  -FEET-        -FEET-     -MPH-    -DEG-
 -MINUTES-

    0.00      0.00      0.00     0.00 -1448.3 -2023.1
                                                             150.00    999.00    999.00
    0.50    999.00    999.00   300.00   999.0   999.0
                                                             450.00    999.00    999.00
    1.00    216.30     80.40   600.00   -60.1   -82.0
                                                             750.00      1.46    237.42
    1.50    224.46     79.73   900.00  -114.3  -116.6
                                                            1050.00      2.51    195.75
    2.00    212.94     77.54  1200.00  -144.2  -222.9
                                                            1350.00      1.45    178.39
    2.50    206.45     77.97  1500.00  -142.4  -286.7
                                                            1650.00      3.69    164.57
    3.00    192.65     75.86  1800.00   -99.1  -443.0
                                                            1950.00      4.26    180.79
    3.50    189.19     73.10  2100.00  -101.6  -630.4
                                                            2250.00      4.60    180.29
    4.00    187.05     70.74  2400.00  -102.5  -832.9
                                                            2550.00      4.63    182.80
    4.50    186.22     68.90  2700.00  -112.3 -1036.5
                                                            2850.00      4.75    184.66
    5.00    185.96     67.37  3000.00  -129.2 -1244.7
                                                            3150.00      5.22    181.51
    5.50    185.27     65.85  3300.00  -135.1 -1474.3
                                                            3450.00      5.74    170.48
    6.00    183.13     64.40  3600.00   -93.2 -1723.3
                                                            3750.00      5.84    160.85
    6.50    180.29     63.26  3900.00    -8.8 -1965.9
                                                            4050.00      6.55    144.15
    7.00    175.87     62.31  4200.00   160.1 -2199.4
                                                            4350.00      9.03    130.11
    7.50    169.33     60.97  4500.00   464.0 -2455.2
                                                            4650.00     12.83    141.30
    8.00    164.27     57.93  4800.00   817.3 -2895.7
                                                            4950.00     15.78    145.48
    8.50    160.78     54.25  5100.00  1210.9 -3467.5
                                                            5250.00     17.65    147.01
    9.00    158.39     50.64  5400.00  1634.0 -4118.5
                                                            5550.00     18.11    145.33
    9.50    156.41     47.58  5700.00  2087.5 -4773.6
                                                            5850.00     18.54    148.19
   10.00    155.30     44.92  6000.00  2517.8 -5466.6
```

C-A 7/23/75 FLIGHT NO. 3 11:05 RBOSP

TIME INTO FLIGHT -MINUTES-	AZIMUTH -DEG.-	ELEVATION -DEG.-	HEIGHT -FEET-	X -FEET-	Y -FEET-
0.00	0.00	0.00	0.00	0.0	0.0
0.50	151.40	33.58	300.00	216.6	-396.7
1.00	157.12	29.80	600.00	407.9	-965.2
1.50	160.18	27.03	900.00	599.1	-1659.6
2.00	162.20	23.50	1200.00	845.2	-2627.8
2.50	163.17	21.86	1500.00	1084.7	-3578.9
3.00	162.88	20.55	1800.00	1416.2	-4589.0
3.50	162.78	19.59	2100.00	1750.2	-5636.5
4.00	163.77	19.48	2400.00	1900.2	-6514.8
4.50	165.04	20.34	2700.00	1884.4	-7037.0
5.00	166.33	21.10	3000.00	1841.9	-7555.0
5.50	166.85	22.30	3300.00	1835.2	-7835.9
6.00	167.15	23.14	3600.00	1878.4	-8213.5
6.50	167.13	23.57	3900.00	1996.4	-8715.7
7.00	167.07	23.46	4200.00	2171.2	-9433.2
7.50	166.61	23.48	4500.00	2405.0	-10078.4
8.00	165.93	23.56	4800.00	2682.5	-10678.3
8.50	164.89	24.21	5100.00	2963.3	-10951.3
9.00	163.11	24.95	5400.00	3378.9	-11106.7
9.50	162.02	25.34	5700.00	3722.5	-11449.4
10.00	160.58	25.90	6000.00	4115.5	-11653.9

HEIGHT -FEET-	VELOCITY -MPH-	HEADING -DEG-
150.00	10.27	151.40
450.00	13.63	161.43
750.00	16.37	164.63
1050.00	22.70	165.77
1350.00	22.29	165.90
1650.00	24.16	161.86
1950.00	24.99	162.34
2250.00	20.25	170.34
2550.00	11.87	181.77
2850.00	11.81	184.72
3150.00	6.39	181.40
3450.00	8.64	173.52
3750.00	11.72	166.80
4050.00	16.78	166.34
4350.00	15.60	160.11
4650.00	15.02	155.21
4950.00	8.90	134.22
5250.00	10.08	110.52
5550.00	11.03	134.95
5850.00	10.07	117.51

C-A 7/23/75 FLIGHT NO. 4 17:00 RBOSP

TIME INTO FLIGHT -MINUTES-	AZIMUTH -DEG.-	ELEVATION -DEG.-	HEIGHT -FEET-	X -FEET-	Y -FEET-
0.00	0.00	0.00	0.00	0.0	0.0
0.50	126.98	32.67	300.00	373.9	-281.3
1.00	197.25	33.41	600.00	-269.2	-869.1
1.50	193.88	33.91	900.00	-320.4	-1300.3
2.00	189.64	34.21	1200.00	-294.6	-1740.8
2.50	186.22	33.90	1500.00	-240.6	-2219.8
3.00	182.78	34.76	1800.00	-124.3	-2591.4
3.50	180.21	34.52	2100.00	-9.4	-3054.0
4.00	179.03	33.34	2400.00	63.9	-3648.4
4.50	176.42	32.42	2700.00	268.0	-4243.8
5.00	174.86	31.79	3000.00	436.5	-4821.8
5.50	173.02	31.41	3300.00	659.9	-5365.0
6.00	171.79	31.22	3600.00	851.7	-5879.6
6.50	171.33	30.95	3900.00	978.6	-6431.0
7.00	171.12	31.11	4200.00	1078.5	-6877.2
7.50	170.28	30.91	4500.00	1273.4	-7409.1
8.00	169.43	30.87	4800.00	1470.8	-7895.8
8.50	168.95	30.68	5100.00	1652.7	-8437.9
9.00	168.51	30.60	5400.00	1824.2	-8949.0
9.50	167.96	30.55	5700.00	2020.2	-9446.0
10.00	167.42	30.54	6000.00	2221.0	-9926.6

HEIGHT -FEET-	VELOCITY -MPH-	HEADING -DEG-
150.00	10.64	126.98
450.00	19.80	227.62
750.00	9.87	186.81
1050.00	10.03	176.67
1350.00	10.96	173.60
1650.00	8.85	162.65
1950.00	10.83	166.08
2250.00	13.61	173.00
2550.00	14.30	161.11
2850.00	13.68	163.78
3150.00	13.35	157.67
3450.00	12.48	159.59
3750.00	12.86	167.07
4050.00	10.39	167.42
4350.00	12.87	159.90
4650.00	11.94	157.95
4950.00	12.99	161.48
5250.00	12.25	161.48
5550.00	12.14	158.52
5850.00	11.84	157.35

```
C-A  7/24/75 FLIGHT NO. 1  05:00          RBOSP

 TIME INTO AZIMUTH  ELEVATION  HEIGHT     X      Y          HEIGHT     VELOCITY   HEADING
  FLIGHT    -DEG.-    -DEG.-    -FEET-  -FEET- -FEET-       -FEET-      -MPH-     -DEG-
 -MINUTES-

   0.00      0.00      0.00      0.00     0.0     0.0
                                                            150.00       1.69      37.82
   0.50     37.82     76.10    300.00    45.6    58.7
                                                            450.00       1.52      42.97
   1.00     40.26     76.78    600.00    91.2   107.7
                                                            750.00       0.81     334.43
   1.50     28.50     80.00    900.00    75.8   139.7
                                                           1050.00       1.56     175.44
   2.00     48.82     84.87   1200.00    81.3    71.2
                                                           1350.00       2.25     233.92
   2.50      5.40     89.53   1500.00     1.2    12.7
                                                           1650.00       3.33     253.63
   3.00    258.40     85.50   1800.00  -139.2   -28.7
                                                           1950.00       3.58     227.95
   3.50    242.37     82.17   2100.00  -256.3  -134.4
                                                           2250.00       4.79     210.31
   4.00    228.93     78.68   2400.00  -362.5  -316.3
                                                           2550.00       4.41     202.37
   4.50    221.38     76.27   2700.00  -436.2  -495.8
                                                           2850.00       4.35     191.87
   5.00    214.88     74.51   3000.00  -475.4  -683.0
                                                           3150.00       3.70     202.92
   5.50    212.93     73.28   3300.00  -558.8  -833.1
                                                           3450.00       3.40     220.42
   6.00    213.91     72.43   3600.00  -635.8  -947.3
                                                           3750.00       2.97     193.96
   6.50    211.89     72.05   3900.00  -667.2 -1074.1
                                                           4050.00       4.50     144.19
   7.00    204.11     72.17   4200.00  -551.4 -1234.4
                                                           4350.00       4.85     138.92
   7.50    196.45     72.10   4500.00  -411.0 -1395.4
                                                           4650.00       4.95     138.57
   8.00    189.75     71.78   4800.00  -266.8 -1558.6
                                                           4950.00       4.96     126.27
   8.50    183.12     71.68   5100.00   -91.0 -1687.5
                                                           5250.00       6.33     119.09
   9.00    175.25     71.30   5400.00   152.5 -1822.8
                                                           5550.00       7.38     110.76
   9.50    166.78     70.76   5700.00   456.4 -1937.9
                                                           5850.00       7.86     116.57
  10.00    159.93     69.64   6000.00   765.7 -2092.5
```

```
C-A  7/24/75 FLIGHT NO. 2  08:00          RBOSP

TIME INTO AZIMUTH  ELEVATION  HEIGHT     X      Y          HEIGHT    VELOCITY   HEADING
  FLIGHT   -DEG.-    -DEG.-   -FEET-  -FEET- -FEET-        -FEET-     -MPH-     -DEG-
-MINUTES-

   0.00      0.00      0.00     0.00     0.0     0.0      150.00       6.02    232.80
   0.50    232.80     48.55   300.00  -211.0  -160.4      450.00     999.00    999.00
   1.00    999.00    999.00   600.00   999.0   999.0      750.00     999.00    999.00
   1.50    194.43     55.44   900.00  -154.2  -600.7     1050.00       7.43    139.15
   2.00    176.00     54.70  1200.00    59.8  -847.9     1350.00       9.19    140.79
   2.50    164.83     51.28  1500.00   315.4 -1160.9     1650.00       8.48    132.56
   3.00    157.36     49.62  1800.00   590.2 -1413.0     1950.00       7.01    122.18
   3.50    151.67     49.53  2100.00   851.3 -1577.2     2250.00       6.20    112.92
   4.00    146.80     50.03  2400.00  1102.7 -1683.3     2550.00       4.32    105.26
   4.50    143.45     51.37  2700.00  1286.2 -1733.4     2850.00       3.24     94.61
   5.00    140.72     53.08  3000.00  1428.4 -1744.8     3150.00       3.73     74.58
   5.50    137.02     54.83  3300.00  1586.6 -1701.1     3450.00       5.57     61.22
   6.00    131.33     56.34  3600.00  1801.6 -1583.0     3750.00       7.08     68.40
   6.50    125.10     56.78  3900.00  2091.0 -1468.3     4050.00       8.37     69.72
   7.00    118.84     56.50  4200.00  2436.6 -1340.5     4350.00       8.83     77.24
   7.50    114.04     55.60  4500.00  2815.5 -1254.6     4650.00      10.02     89.66
   8.00    111.05     54.00  4800.00  3256.4 -1251.9     4950.00      11.06     92.46
   8.50    108.80     52.23  5100.00  3742.6 -1272.6     5250.00      13.60     95.56
   9.00    107.07     49.97  5400.00  4338.1 -1330.4     5550.00      15.05     93.88
   9.50    105.40     47.72  5700.00  4998.9 -1375.1     5850.00      15.08     97.45
  10.00    104.50     45.77  6000.00  5657.0 -1460.9
```

C-A 7/24/75 FLIGHT NO. 3 11:00 RBOSP

TIME INTO FLIGHT -MINUTES-	AZIMUTH -DEG.-	ELEVATION -DEG.-	HEIGHT -FEET-	X -FEET-	Y -FEET-
0.00	0.00	0.00	0.00	0.0	0.0
0.50	79.57	56.78	300.00	193.3	35.6
1.00	88.32	49.77	600.00	507.5	15.0
1.50	92.13	51.02	900.00	728.0	-26.9
2.00	99.60	59.38	1200.00	700.6	-118.3
2.50	102.00	62.78	1500.00	755.1	-160.2
3.00	104.37	67.00	1800.00	740.7	-189.5
3.50	101.02	71.36	2100.00	695.9	-135.3
4.00	103.35	69.56	2400.00	871.0	-206.4
4.50	104.96	70.10	2700.00	945.0	-252.2
5.00	109.57	70.37	3000.00	1009.1	-358.3
5.50	115.19	68.77	3300.00	1161.0	-545.6
6.00	116.23	67.87	3600.00	1314.3	-647.0
6.50	114.70	65.72	3900.00	1599.5	-735.0
7.00	112.54	63.48	4200.00	1937.1	-803.1
7.50	110.62	61.00	4500.00	2336.0	-878.0
8.00	109.27	58.58	4800.00	2769.5	-967.1
8.50	108.25	56.04	5100.00	3263.7	-1074.9
9.00	107.33	53.55	5400.00	3809.3	-1187.2
9.50	106.48	51.25	5700.00	4388.8	-1296.7
10.00	105.53	49.23	6000.00	4986.8	-1383.9

HEIGHT -FEET-	VELOCITY -MPH-	HEADING -DEG-
150.00	4.47	79.57
450.00	7.16	93.77
750.00	5.10	100.78
1050.00	2.17	196.72
1350.00	1.56	127.63
1650.00	0.74	206.36
1950.00	1.60	320.50
2250.00	4.29	112.12
2550.00	1.98	121.75
2850.00	2.82	148.92
3150.00	5.48	140.96
3450.00	4.18	123.51
3750.00	6.78	107.17
4050.00	7.83	101.43
4350.00	9.23	100.65
4650.00	10.06	101.64
4950.00	11.50	102.32
5250.00	12.66	101.65
5550.00	13.40	100.72
5850.00	13.74	98.32

C-A 7/24/75 FLIGHT NO. 4 17:00 RBOSP

TIME INTO FLIGHT -MINUTES-	AZIMUTH -DEG.-	ELEVATION -DEG.-	HEIGHT -FEET-	X -FEET-	Y -FEET-
0.00	0.00	0.00	0.00	0.0	0.0
0.50	196.08	56.35	300.00	-55.2	-192.0
1.00	193.58	52.52	600.00	-107.8	-447.4
1.50	191.95	50.78	900.00	-151.7	-719.0
2.00	194.38	52.36	1200.00	-229.3	-896.9
2.50	194.70	54.10	1500.00	-275.0	-1050.8
3.00	192.63	54.46	1800.00	-280.5	-1255.4
3.50	193.29	56.15	2100.00	-323.0	-1371.5
4.00	193.15	57.43	2400.00	-348.0	-1493.7
4.50	193.52	58.61	2700.00	-384.3	-1602.7
5.00	193.32	59.20	3000.00	-411.1	-1741.3
5.50	197.31	59.22	3300.00	-583.9	-1877.8
6.00	199.03	57.96	3600.00	-733.5	-2131.3
6.50	199.87	57.46	3900.00	-844.6	-2341.8
7.00	200.10	56.95	4200.00	-937.8	-2568.0
7.50	199.48	56.46	4500.00	-993.3	-2814.0
8.00	198.78	56.55	4800.00	-1019.3	-3004.1
8.50	196.82	56.81	5100.00	-963.7	-3195.3
9.00	194.78	57.01	5400.00	-892.5	-3391.4
9.50	193.26	57.00	5700.00	-847.1	-3605.0
10.00	191.42	56.97	6000.00	-770.3	-3825.7

HEIGHT -FEET-	VELOCITY -MPH-	HEADING -DEG-
150.00	4.54	196.08
450.00	5.93	191.67
750.00	6.25	189.22
1050.00	4.41	203.61
1350.00	3.65	196.55
1650.00	4.65	181.57
1950.00	2.81	200.17
2250.00	2.83	191.57
2550.00	2.61	198.47
2850.00	3.21	190.98
3150.00	5.01	231.73
3450.00	6.69	210.60
3750.00	5.41	207.85
4050.00	5.56	202.44
4350.00	5.73	192.75
4650.00	4.36	187.82
4950.00	4.53	163.80
5250.00	4.74	160.08
5550.00	4.96	168.04
5850.00	5.31	160.85

C-A 7/25/75 FLIGHT NO. 1 05:00 RBOSP

TIME INTO FLIGHT -MINUTES-	AZIMUTH -DEG.-	ELEVATION -DEG.-	HEIGHT -FEET-	X -FEET-	Y -FEET-
0.00	0.00	0.00	0.00	0.0	0.0
0.50	142.80	80.00	300.00	32.1	-42.2
1.00	159.78	81.55	600.00	30.9	-83.8
1.50	150.51	74.90	900.00	119.8	-211.5
2.00	152.29	65.75	1200.00	251.7	-478.7
2.50	150.80	60.72	1500.00	410.9	-734.3
3.00	150.38	58.98	1800.00	535.7	-941.1
3.50	151.08	58.18	2100.00	631.0	-1140.7
4.00	151.81	57.21	2400.00	731.4	-1362.9
4.50	152.67	56.03	2700.00	836.3	-1616.3
5.00	154.43	55.46	3000.00	892.5	-1863.0
5.50	155.88	55.61	3300.00	924.4	-2061.8
6.00	157.72	56.28	3600.00	912.5	-2223.8
6.50	159.82	57.02	3900.00	874.6	-2375.9
7.00	162.18	57.64	4200.00	816.1	-2534.2
7.50	163.90	58.23	4500.00	774.6	-2678.3
8.00	164.97	58.24	4800.00	772.5	-2870.6
8.50	165.91	58.15	5100.00	773.3	-3073.9
9.00	167.36	57.95	5400.00	741.9	-3299.9
9.50	168.63	57.80	5700.00	709.9	-3520.1
10.00	169.71	57.70	6000.00	679.9	-3733.2

HEIGHT -FEET-	VELOCITY -MPH-	HEADING -DEG-
150.00	1.20	142.80
450.00	0.95	181.61
750.00	3.54	145.21
1050.00	6.77	153.74
1350.00	6.84	148.12
1650.00	5.49	148.92
1950.00	5.03	154.51
2250.00	5.54	155.72
2550.00	6.23	157.53
2850.00	5.75	167.19
3150.00	4.58	170.92
3450.00	3.69	184.26
3750.00	3.56	194.00
4050.00	3.84	200.32
4350.00	3.41	196.11
4650.00	4.37	180.67
4950.00	4.62	179.80
5250.00	5.19	187.94
5550.00	5.06	188.32
5850.00	4.89	188.04

```
C-A  7/25/75 FLIGHT NO. 2  08:00          RBOSP

  TIME INTO AZIMUTH  ELEVATION  HEIGHT      X       Y         HEIGHT     VELOCITY  HEADING
   FLIGHT   -DEG.-    -DEG.-   -FEET-   -FEET-  -FEET-       -FEET-      -MPH-    -DEG-
  -MINUTES-

    0.00      0.00      0.00      0.00      0.0      0.0
                                                              150.00       3.56    217.88
    0.50    217.88     62.47    300.00    -96.0   -123.6
                                                              450.00       3.21    200.33
    1.00    209.55     63.88    600.00   -145.0   -256.2
                                                              750.00       2.90    181.88
    1.50    201.27     65.43    900.00   -149.1   -383.8
                                                             1050.00       5.57    159.77
    2.00    186.01     62.80   1200.00    -64.2   -613.7
                                                             1350.00       6.16    156.99
    2.50    177.26     60.07   1500.00     41.8   -863.0
                                                             1650.00       6.23    173.81
    3.00    176.43     57.72   1800.00     71.5  -1135.3
                                                             1950.00       5.42    178.16
    3.50    176.73     56.78   2100.00     79.3  -1373.5
                                                             2250.00       5.43    176.19
    4.00    176.65     56.08   2400.00     95.3  -1611.8
                                                             2550.00       6.45    174.51
    4.50    176.33     54.90   2700.00    122.6  -1894.4
                                                             2850.00       5.88    173.08
    5.00    175.94     54.30   3000.00    153.9  -2151.0
                                                             3150.00       6.82    167.40
    5.50    174.90     53.38   3300.00    219.5  -2443.6
                                                             3450.00       7.01    158.83
    6.00    173.12     52.62   3600.00    331.1  -2731.4
                                                             3750.00       7.48    157.15
    6.50    171.43     51.31   3900.00    459.0  -3034.4
                                                             4050.00       7.00    160.64
    7.00    170.45     51.25   4200.00    561.3  -3325.0
                                                             4350.00       7.86    160.85
    7.50    169.56     50.48   4500.00    674.9  -3651.6
                                                             4650.00       8.12    169.67
    8.00    169.57     49.71   4800.00    739.2  -4002.9
                                                             4950.00       8.22    173.00
    8.50    169.85     49.02   5100.00    783.4  -4361.9
                                                             5250.00       8.94    172.06
    9.00    170.03     48.23   5400.00    838.0  -4751.3
                                                             5550.00       8.97    169.10
    9.50    169.96     47.53   5700.00    912.8  -5138.8
                                                             5850.00       8.09    164.00
   10.00    169.58     47.12   6000.00   1011.1  -5480.9
```

C-A 7/25/75 FLIGHT NO. 3 11:00 RBOSP

TIME INTO FLIGHT -MINUTES-	AZIMUTH -DEG.-	ELEVATION -DEG.-	HEIGHT -FEET-	X -FEET-	Y -FEET-
0.00	0.00	0.00	0.00	0.0	0.0
0.50	222.40	36.61	300.00	-272.1	-298.5
1.00	213.47	34.68	600.00	-477.8	-723.9
1.50	215.03	31.48	900.00	-843.0	-1204.4
2.00	215.87	32.40	1200.00	-1107.1	-1533.4
2.50	214.84	34.73	1500.00	-1235.2	-1777.3
3.00	216.51	36.82	1800.00	-1429.5	-1934.0
3.50	213.70	39.31	2100.00	-1421.9	-2135.3
4.00	212.87	41.66	2400.00	-1462.8	-2267.3
4.50	212.59	43.10	2700.00	-1552.8	-2432.8
5.00	211.45	42.78	3000.00	-1650.1	-2767.7
5.50	209.98	43.19	3300.00	-1755.0	-3047.1
6.00	208.38	43.40	3600.00	-1807.7	-3351.6
6.50	207.76	44.53	3900.00	-1844.7	-3510.5
7.00	207.65	45.47	4200.00	-1915.4	-3662.2
7.50	209.05	46.75	4500.00	-2053.6	-3703.2
8.00	210.35	48.58	4800.00	-2137.9	-3657.1
8.50	209.48	50.50	5100.00	-2067.1	-3662.5
9.00	207.84	51.68	5400.00	-1991.2	-3776.4
9.50	203.69	53.55	5700.00	-1639.6	-3857.9

HEIGHT -FEET-	VELOCITY -MPH-	HEADING -DEG-
150.00	9.18	222.40
450.00	10.74	205.85
750.00	13.72	217.27
1050.00	9.59	218.80
1350.00	6.26	207.75
1650.00	5.67	231.15
1950.00	4.58	177.88
2250.00	3.14	197.26
2550.00	4.28	208.58
2850.00	8.23	202.32
3150.00	6.52	193.12
3450.00	7.02	189.85
3750.00	3.71	193.14
4050.00	3.80	205.04
4350.00	3.28	253.53
4650.00	2.18	298.75
4950.00	1.61	94.39
5250.00	3.11	146.35
5550.00	7.10	105.13

```
C-A  7/26/75 FLIGHT NO. 1  05:12        RBOSP

TIME INTO AZIMUTH  ELEVATION  HEIGHT      X       Y         HEIGHT    VELOCITY  HEADING
  FLIGHT   -DEG.-    -DEG.-   -FEET-   -FEET-  -FEET-      -FEET-     -MPH-    -DEG-
-MINUTES-

   0.00      0.00      0.00     0.00      0.0     0.0
                                                           150.00      0.51     22.13
   0.50     22.13     85.70   300.00      8.5    21.0
                                                           450.00      1.14    118.22
   1.00     92.90     85.00   600.00     52.6    -2.6
                                                           750.00      4.66    215.24
   1.50    201.12     78.55   900.00    -65.7  -170.3
                                                          1050.00      5.46    188.68
   2.00    194.05     70.71  1200.00   -101.8  -407.8
                                                          1350.00      8.77    198.54
   2.50    196.20     61.78  1500.00   -224.2  -773.5
                                                          1650.00      9.75    200.29
   3.00    197.62     55.59  1800.00   -372.6 -1175.8
                                                          1950.00     10.97    204.88
   3.50    199.66     50.80  2100.00   -575.4 -1613.8
                                                          2250.00     10.80    200.35
   4.00    199.81     47.65  2400.00   -740.3 -2059.3
                                                          2550.00      9.56    191.55
   4.50    198.48     46.03  2700.00   -824.2 -2471.6
                                                          2850.00      8.94    197.64
   5.00    198.37     45.02  3000.00   -943.2 -2846.6
                                                          3150.00      8.14    200.81
   5.50    198.63     44.52  3300.00  -1070.2 -3181.6
                                                          3450.00      7.64    209.55
   6.00    199.62     44.32  3600.00  -1235.9 -3474.3
                                                          3750.00      7.48    218.43
   6.50    201.14     44.28  3900.00  -1440.3 -3732.2
                                                          4050.00      7.68    212.62
   7.00    202.03     44.12  4200.00  -1622.3 -4017.1
                                                          4350.00      6.27    205.04
   7.50    202.21     44.33  4500.00  -1738.9 -4267.1
                                                          4650.00      6.50    193.80
   8.00    201.72     44.47  4800.00  -1807.0 -4545.0
                                                          4950.00      8.15    196.00
   8.50    201.33     44.19  5100.00  -1905.6 -4889.6
                                                          5250.00      7.52    197.79
   9.00    201.12     44.08  5400.00  -2006.4 -5204.5
                                                          5550.00      8.31    202.91
   9.50    201.23     43.81  5700.00  -2148.6 -5541.6
                                                          5850.00      9.28    205.28
  10.00    201.49     43.38  6000.00  -2322.7 -5911.1
```

```
C-A  7/26/75 FLIGHT NO. 2  08:00          RBOSP

 TIME INTO AZIMUTH  ELEVATION  HEIGHT      X       Y          HEIGHT    VELOCITY  HEADING
  FLIGHT    -DEG.-    -DEG.-   -FEET-  -FEET- -FEET-         -FEET-     -MPH-    -DEG-
 -MINUTES-

    0.00     0.00      0.00      0.00      0.0     0.0
                                                              150.00      0.31    340.25
    0.50   340.25     87.43    300.00     -4.6    12.7
                                                              450.00      1.05    132.20
    1.00   121.72     86.68    600.00     29.8   -18.4
                                                              750.00    999.00    999.00
    1.50   999.00    999.00    900.00    999.0   999.0
                                                             1050.00    999.00    999.00
    2.00   215.08     72.57   1200.00   -216.5  -308.7
                                                             1350.00      6.36    217.55
    2.50   216.13     66.37   1500.00   -386.8  -530.6
                                                             1650.00      7.82    230.53
    3.00   221.07     61.11   1800.00   -652.3  -749.6
                                                             1950.00      8.46    234.13
    3.50   224.62     57.10   2100.00   -953.9  -968.1
                                                             2250.00      9.01    226.66
    4.00   225.08     53.83   2400.00  -1242.0 -1240.3
                                                             2550.00      8.86    220.12
    4.50   224.18     51.56   2700.00  -1492.9 -1538.5
                                                             2850.00      8.36    227.60
    5.00   224.68     50.08   3000.00  -1764.3 -1786.7
                                                             3150.00      8.05    238.28
    5.50   226.35     49.13   3300.00  -2065.4 -1973.2
                                                             3450.00      7.75    242.92
    6.00   228.10     48.51   3600.00  -2369.0 -2128.8
                                                             3750.00      8.18    228.20
    6.50   228.11     47.74   3900.00  -2637.1 -2368.9
                                                             4050.00      8.88    218.10
    7.00   227.12     46.91   4200.00  -2877.9 -2676.5
                                                             4350.00      8.62    205.49
    7.50   225.25     46.41   4500.00  -3041.0 -3019.0
                                                             4650.00      9.27    206.12
    8.00   223.61     45.78   4800.00  -3220.3 -3385.5
                                                             4950.00      9.54    210.42
    8.50   222.53     45.11   5100.00  -3432.5 -3747.5
                                                             5250.00     10.34    213.25
    9.00   221.77     44.32   5400.00  -3681.6 -4128.1
                                                             5550.00     11.73    214.73
    9.50   221.17     43.33   5700.00  -3975.5 -4552.6
                                                             5850.00     12.80    215.65
   10.00   220.70     42.26   6000.00  -4303.5 -5010.6
```

C-A 7/26/75 FLIGHT NO. 3 11:00 RBOSP

TIME INTO FLIGHT -MINUTES-	AZIMUTH -DEG.-	ELEVATION -DEG.-	HEIGHT -FEET-	X -FEET-	Y -FEET-
0.00	0.00	0.00	0.00	0.0	0.0
0.50	201.22	45.70	300.00	-105.8	-273.1
1.00	212.68	56.38	600.00	-215.3	-336.1
1.50	224.95	55.46	900.00	-437.5	-438.9
2.00	235.74	49.63	1200.00	-843.0	-575.2
2.50	236.26	47.48	1500.00	-1143.6	-765.1
3.00	234.78	47.85	1800.00	-1330.7	-941.0
3.50	234.22	48.48	2100.00	-1508.0	-1088.6
4.00	234.08	48.32	2400.00	-1730.1	-1255.3
4.50	233.90	48.29	2700.00	-1943.9	-1419.8
5.00	231.50	47.87	3000.00	-2123.0	-1691.4
5.50	228.48	46.73	3300.00	-2325.1	-2061.6
6.00	227.51	46.20	3600.00	-2544.7	-2354.5
6.50	999.00	999.00	3900.00	999.0	999.0
7.00	223.00	45.80	4200.00	-2784.1	-2990.0
7.50	220.80	45.52	4500.00	-2885.9	-3348.3
8.00	220.41	44.68	4800.00	-3144.8	-3699.3
8.50	220.66	43.68	5100.00	-3477.8	-4055.0
9.00	221.23	42.50	5400.00	-3881.9	-4436.1
9.50	221.94	41.32	5700.00	-4331.0	-4327.3
10.00	222.42	40.19	6000.00	-4788.5	-5248.2

HEIGHT -FEET-	VELOCITY -MPH-	HEADING -DEG-
150.00	6.66	201.22
450.00	2.87	240.11
750.00	5.57	245.21
1050.00	9.72	251.48
1350.00	8.08	237.75
1650.00	5.84	226.83
1950.00	5.24	230.26
2250.00	6.31	233.14
2550.00	6.13	232.47
2850.00	7.39	213.45
3150.00	9.59	208.66
3450.00	7.96	218.87
3750.00	999.00	999.00
4050.00	999.00	999.00
4350.00	8.46	195.90
4650.00	9.91	216.45
4950.00	11.07	223.15
5250.00	12.62	226.72
5550.00	13.54	228.98
5850.00	14.13	227.43

B.6.2

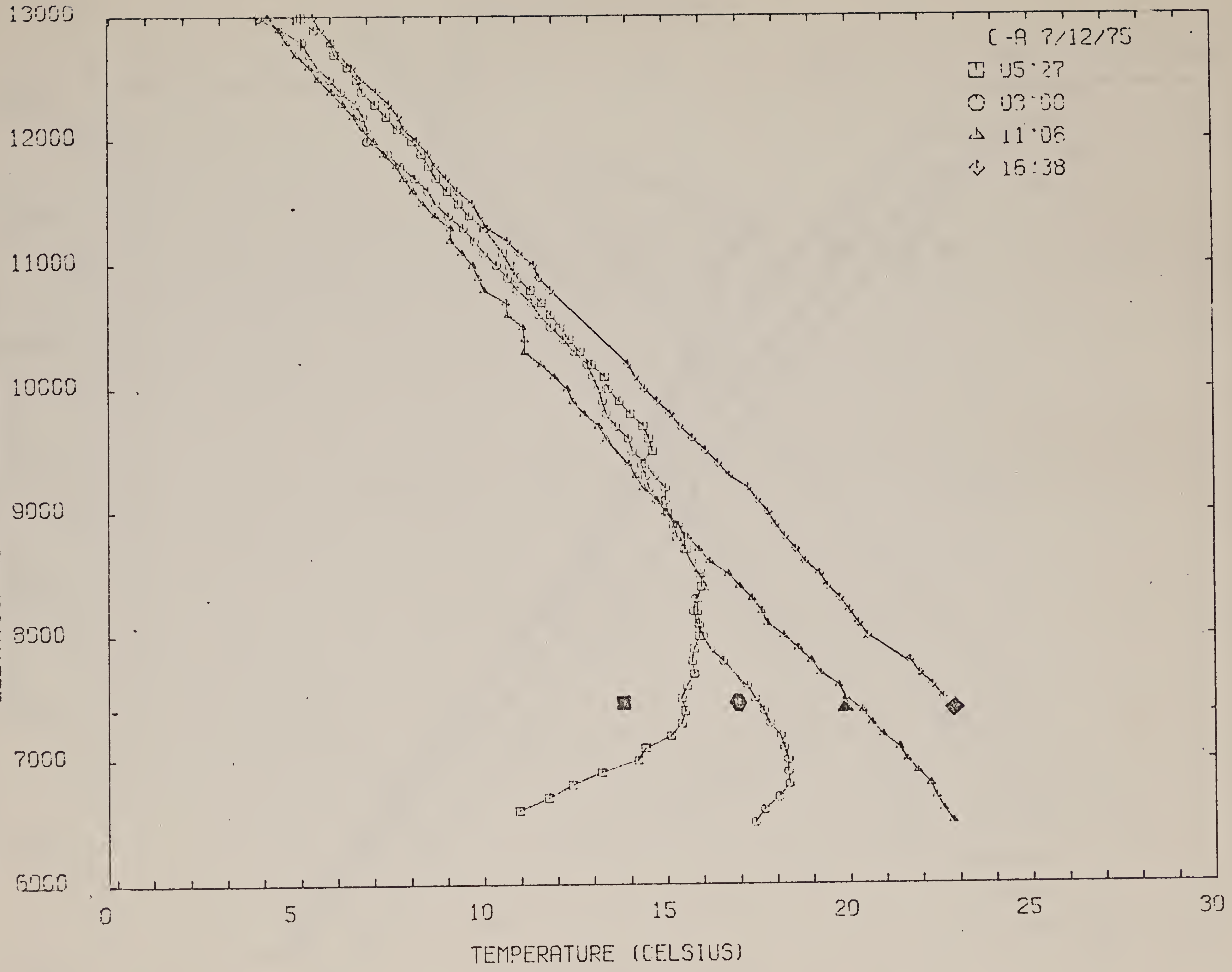
UPPER AIR TEMPERATURE SOUNDINGS OVER FEDERAL OIL SHALE TRACT C-a
12 JULY 1975 THROUGH 26 JULY 1975

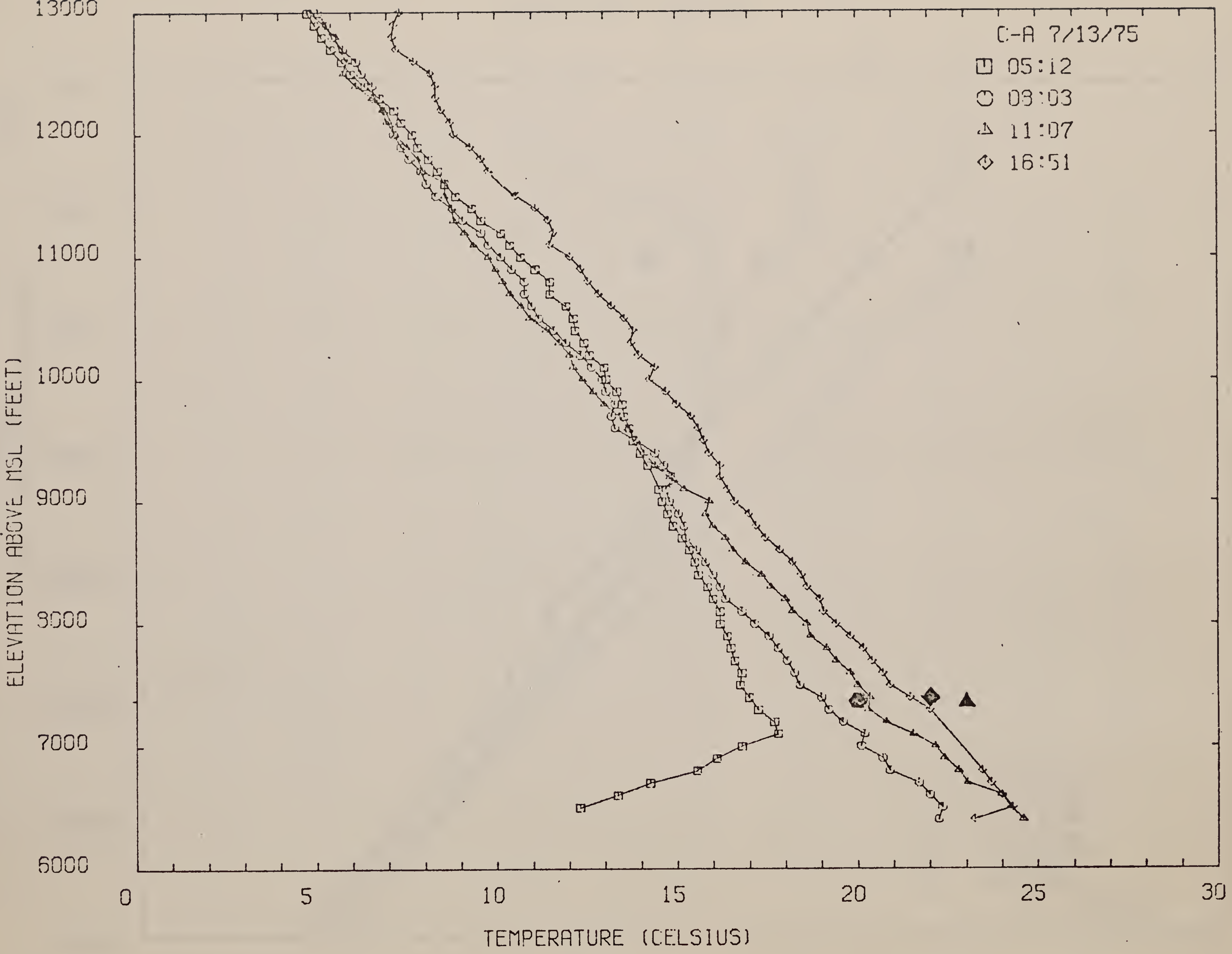
The following point symbols are used for all soundings presented in this appendix:

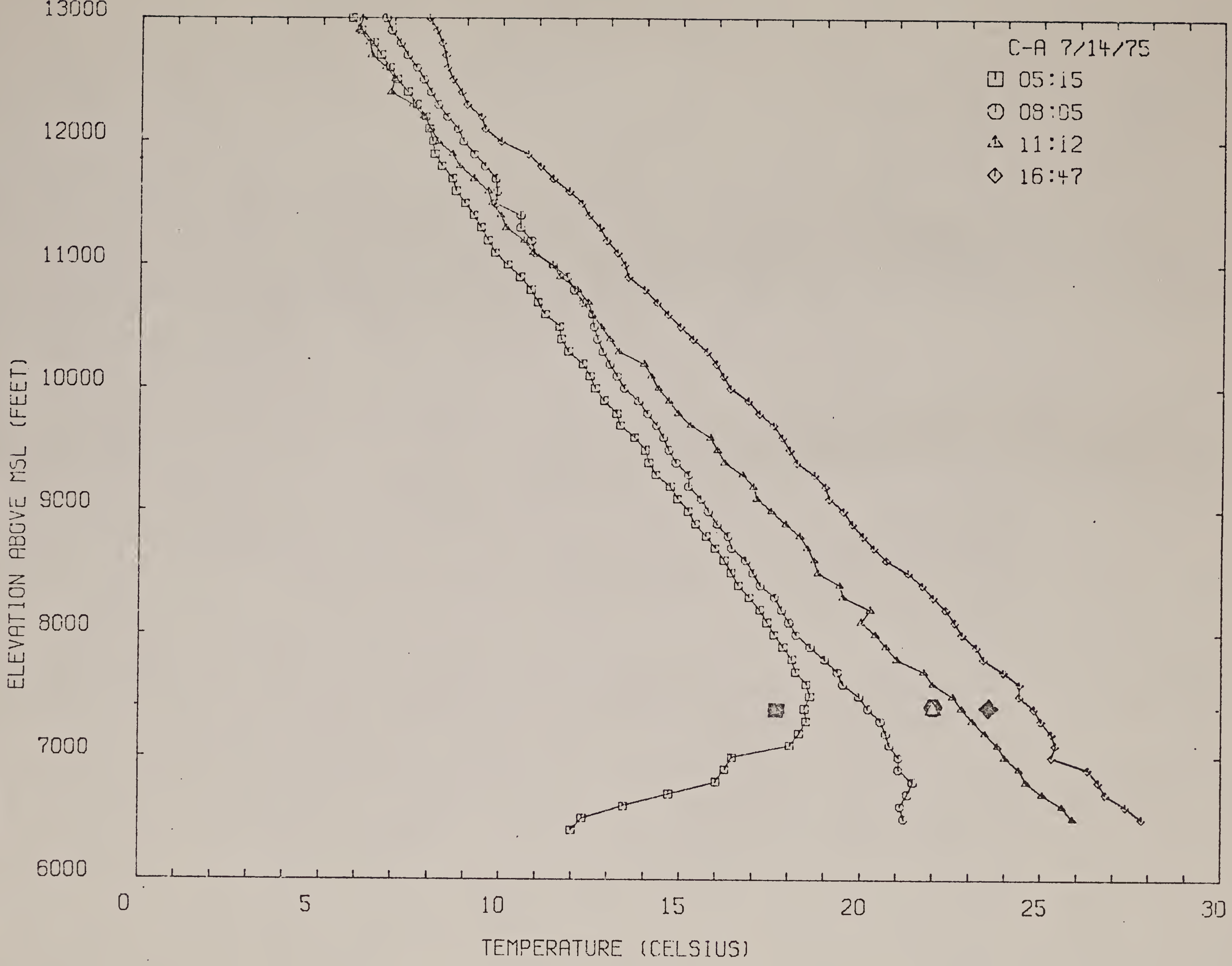
△ Flight Number 1 nominally 0500 MST
□ Flight Number 2 nominally 0800 MST
○ Flight Number 3 nominally 1100 MST
◇ Flight Number 4 nominally 1700 MST

The ordinate is the altimeter-determined elevation in feet above Mean Sea Level (MSL). The abscissa is the ambient air temperature in degrees Celsius (C).

The unconnected solid symbols plotted at the elevation of the base of the tower on Tract C-a (7,400 feet) represent the results of temperature measurements made at the 10-m level of the meteorological tower in Tract C-a at about the same time as the aircraft temperature soundings.

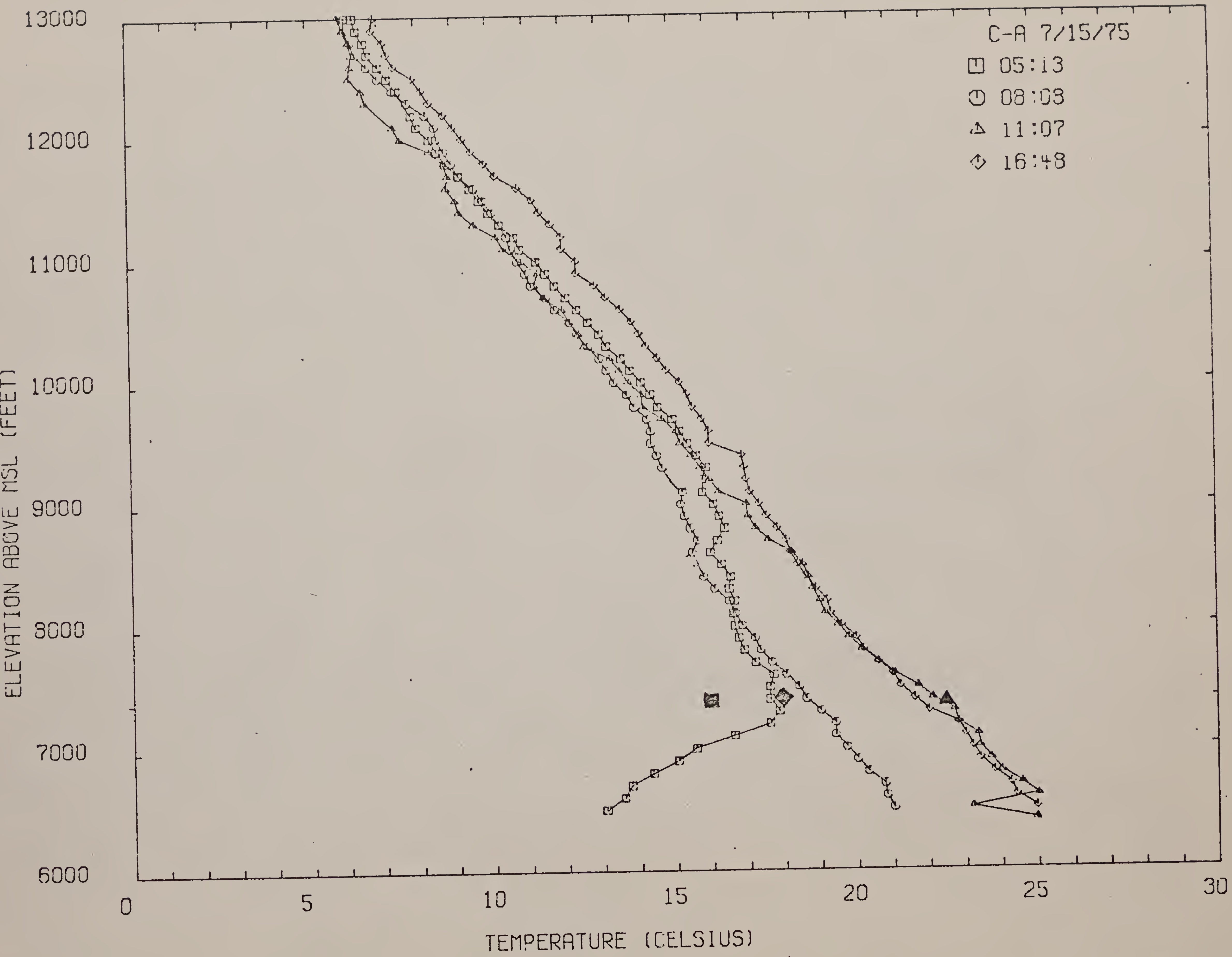

C-A 7/12/75
□ 05:27
○ 08:00
△ 11:06
◇ 16:38
ELEVATION ABOVE MSL (FEET)
13000
12000
11000
10000
9000
8000
7000
6000
TEMPERATURE (CELSIUS)
0
5
10
15
20
25
30


C-A 7/13/75
05:12
08:03
11:07
16:51
ELEVATION ABOVE MSL (FEET)
13000
12000
11000
10000
9000
8000
7000
6000
0
5
10
15
20
25
30
TEMPERATURE (CELSIUS)


C-A 7/14/75
□ 05:15
○ 08:05
△ 11:12
◇ 16:47
ELEVATION ABOVE MSL (FEET)
13000
12000
11000
10000
9000
8000
7000
6000
0
5
10
15
20
25
30
TEMPERATURE (CELSIUS)

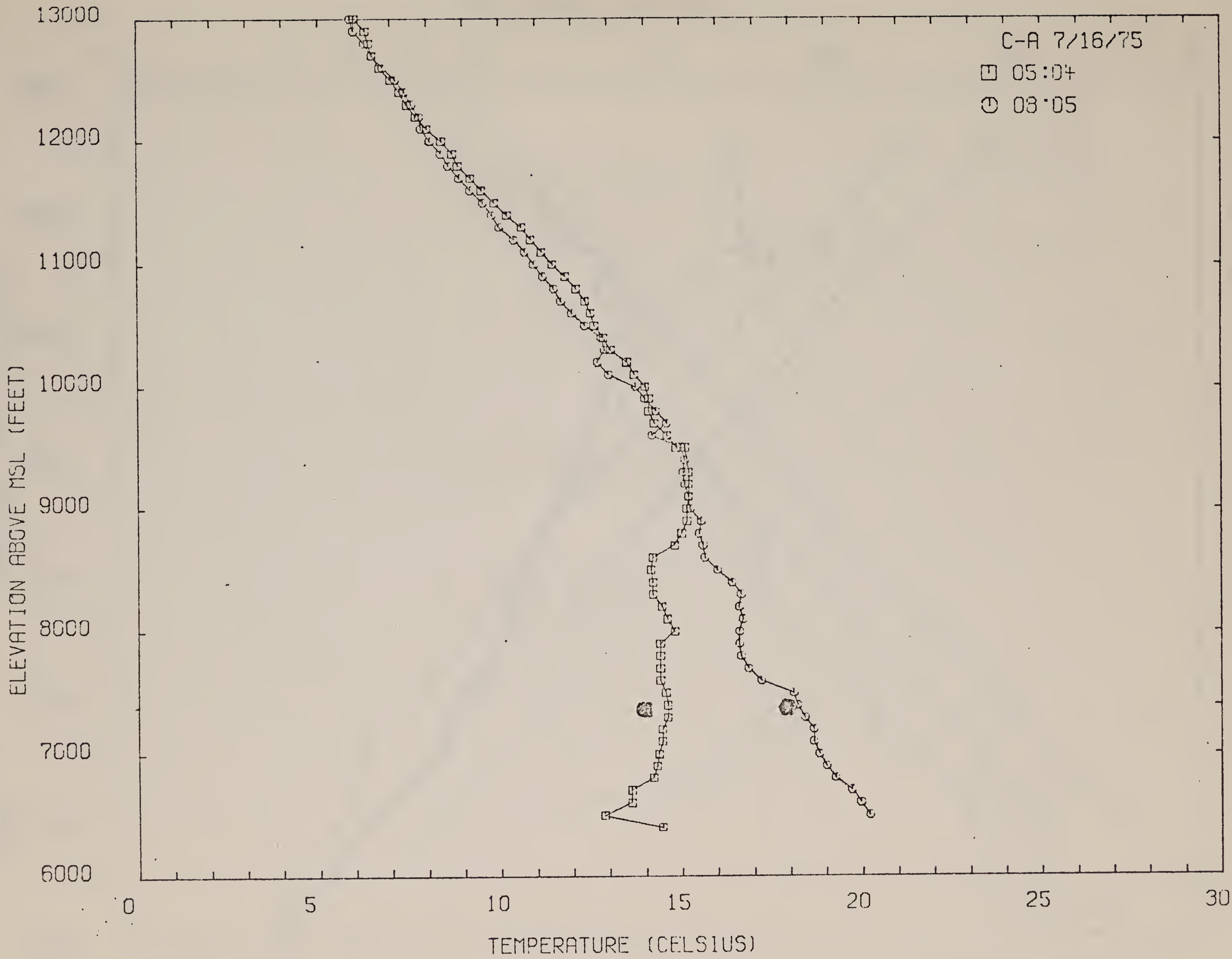
B.6.2-4

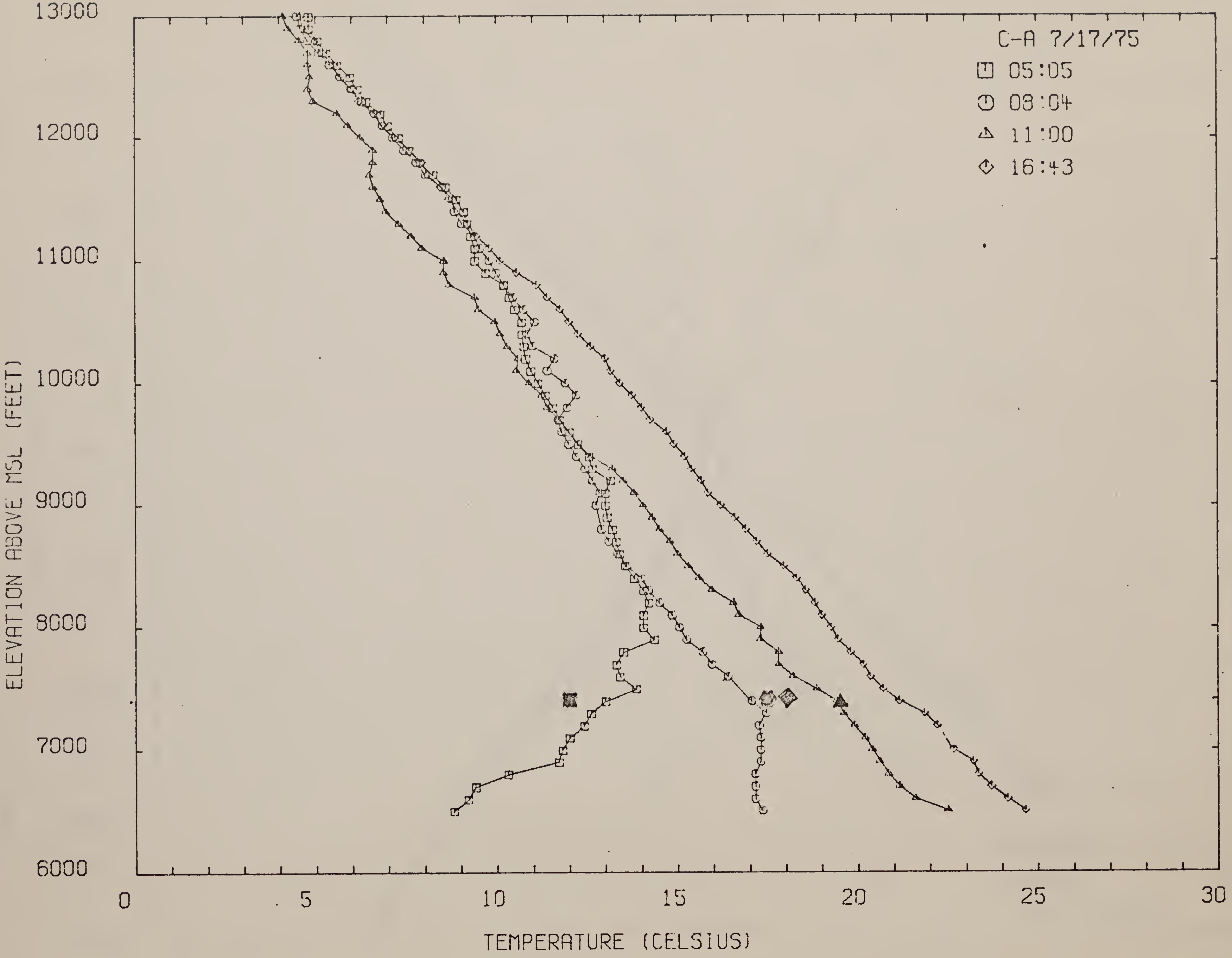
RBOSP


C-A 7/15/75
☐ 05:13
○ 08:08
△ 11:07
◇ 16:48
ELEVATION ABOVE MSL (FEET)
13000
12000
11000
10000
9000
8000
7000
6000
TEMPERATURE (CELSIUS)
0
5
10
15
20
25
30

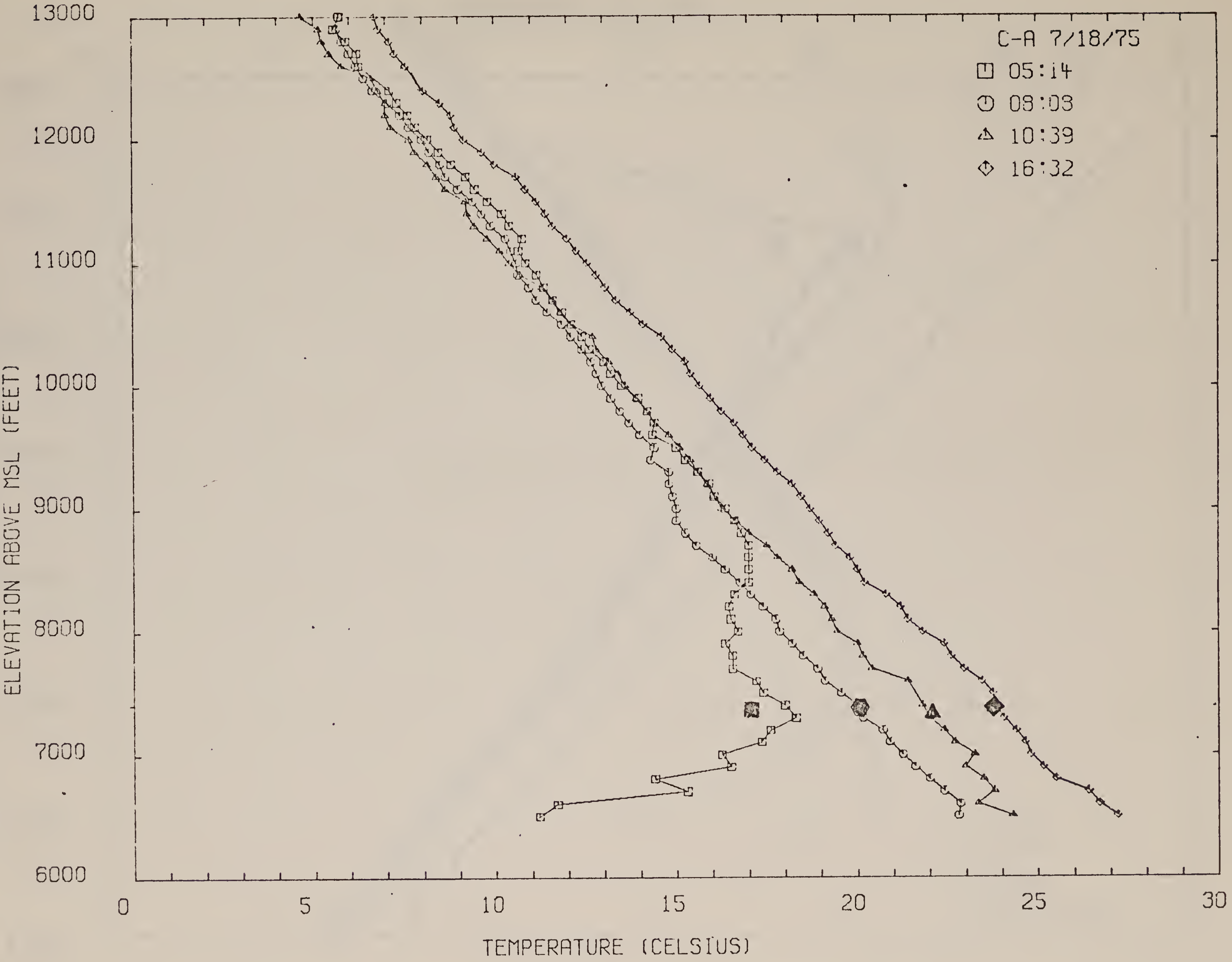
B.6.2-5

RBOSP

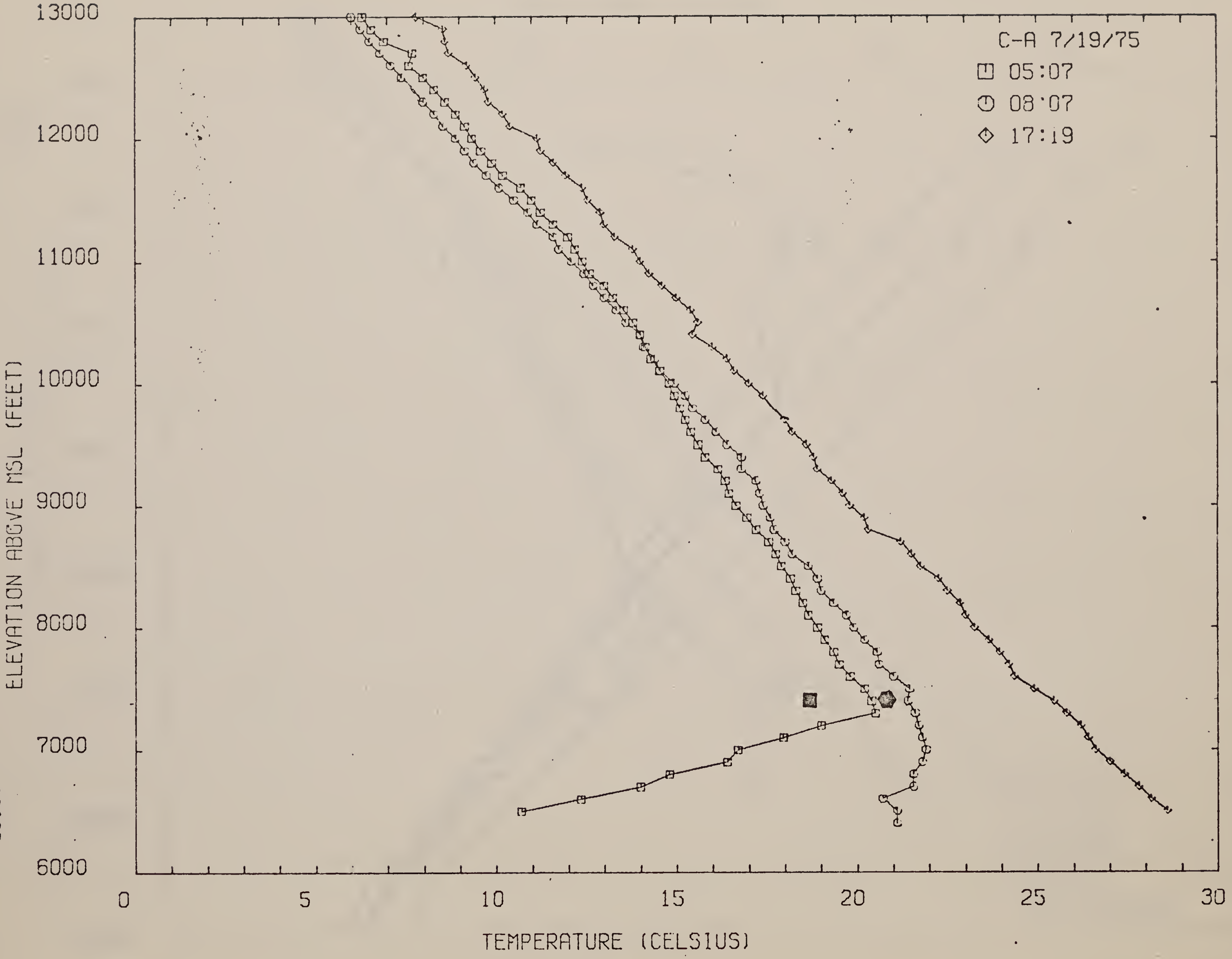

C-A 7/16/75
□ 05:04
○ 08:05
ELEVATION ABOVE MSL (FEET)
13000
12000
11000
10000
9000
8000
7000
6000
0
5
10
15
20
25
30
TEMPERATURE (CELSIUS)

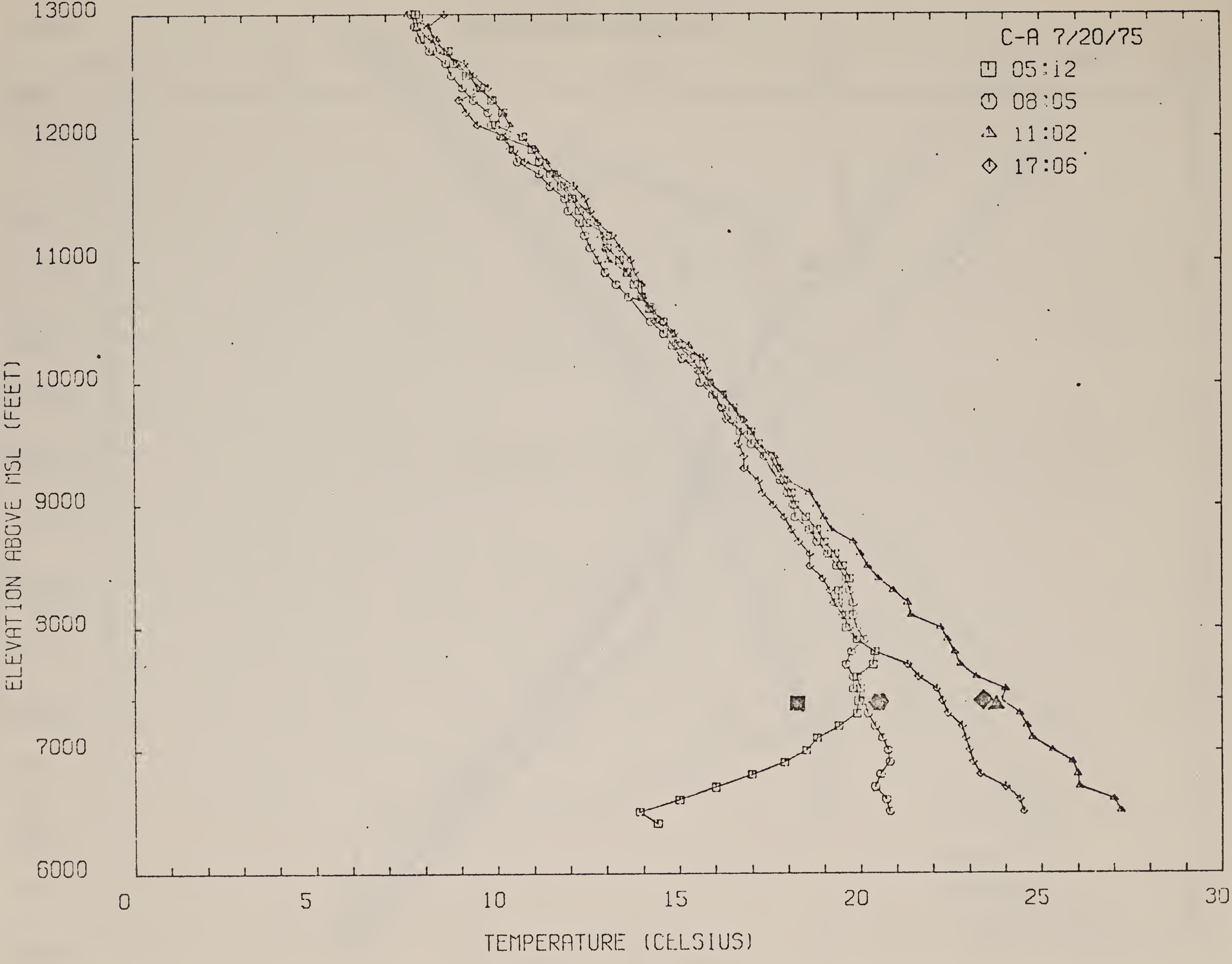

C-A 7/17/75
□ 05:05
○ 08:04
△ 11:00
◇ 16:43
ELEVATION ABOVE MSL (FEET)
13000
12000
11000
10000
9000
8000
7000
6000
TEMPERATURE (CELSIUS)
0
5
10
15
20
25
30

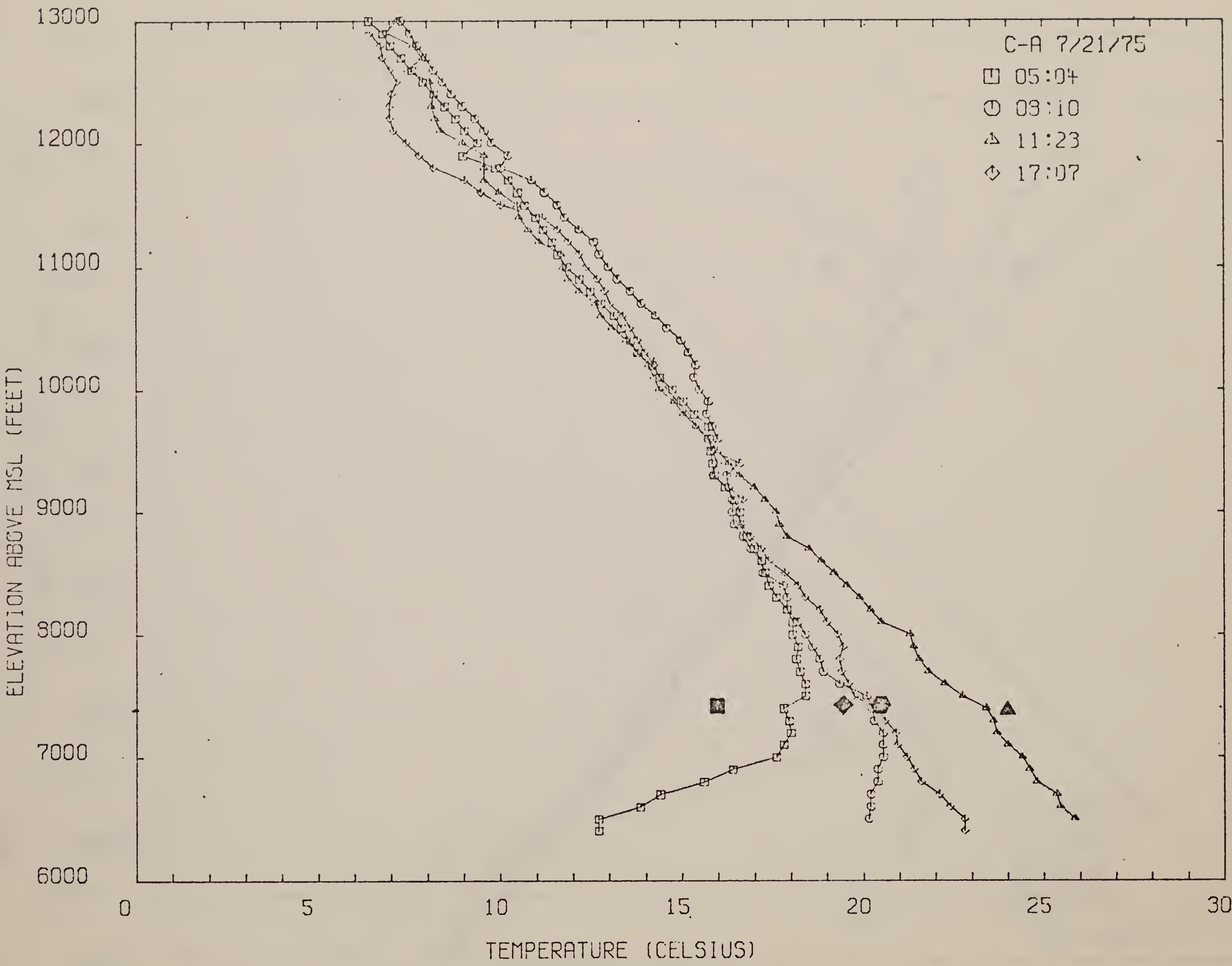
RBOSP


C-A 7/18/75
□ 05:14
○ 08:03
△ 10:39
◇ 16:32
13000
12000
11000
10000
9000
8000
7000
6000
ELEVATION ABOVE MSL (FEET)
0
5
10
15
20
25
30
TEMPERATURE (CELSIUS)

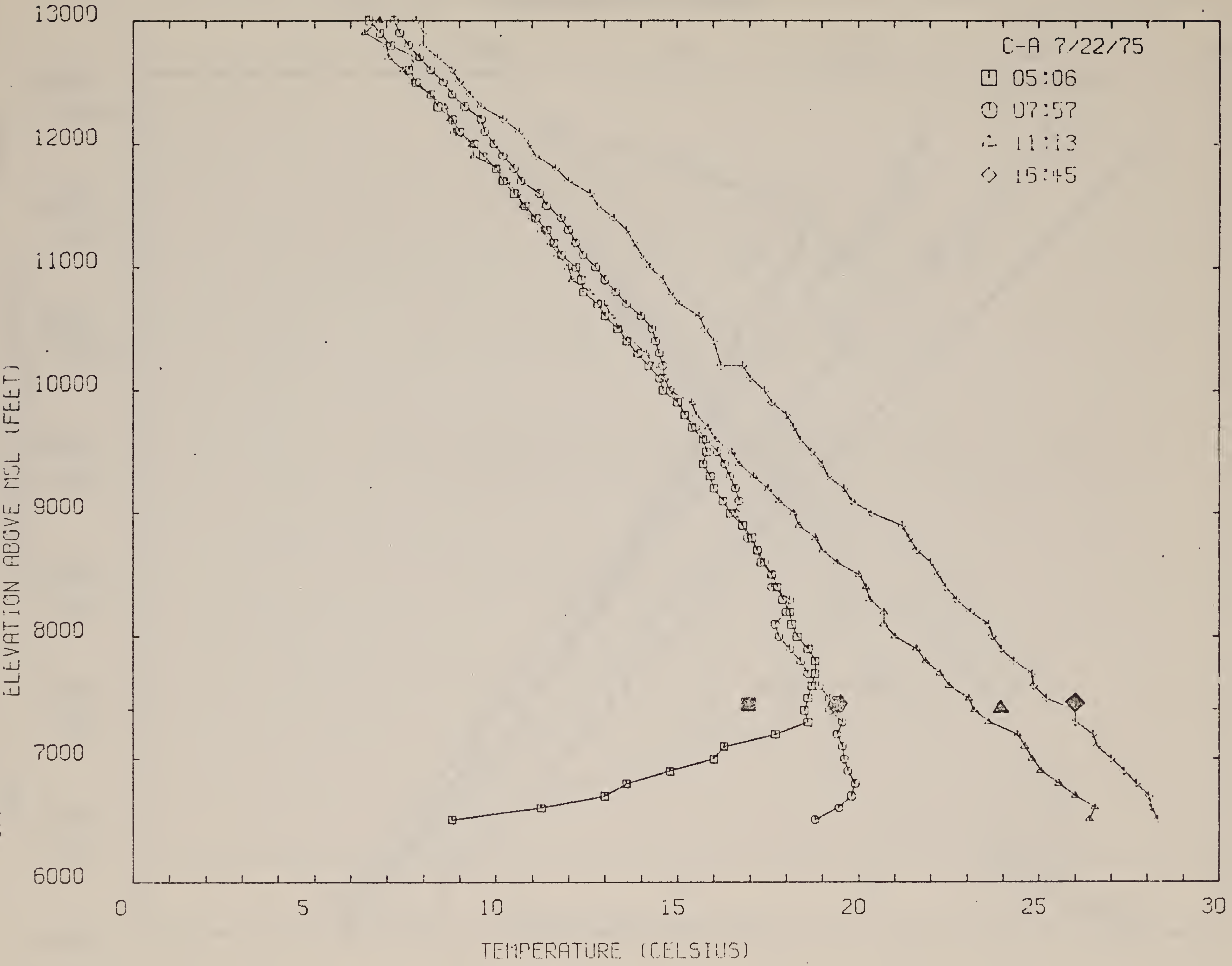
RBOSP


C-A 7/19/75
□ 05:07
○ 08:07
◇ 17:19
ELEVATION ABOVE MSL (FEET)
13000
12000
11000
10000
9000
8000
7000
6000
TEMPERATURE (CELSIUS)
0
5
10
15
20
25
30

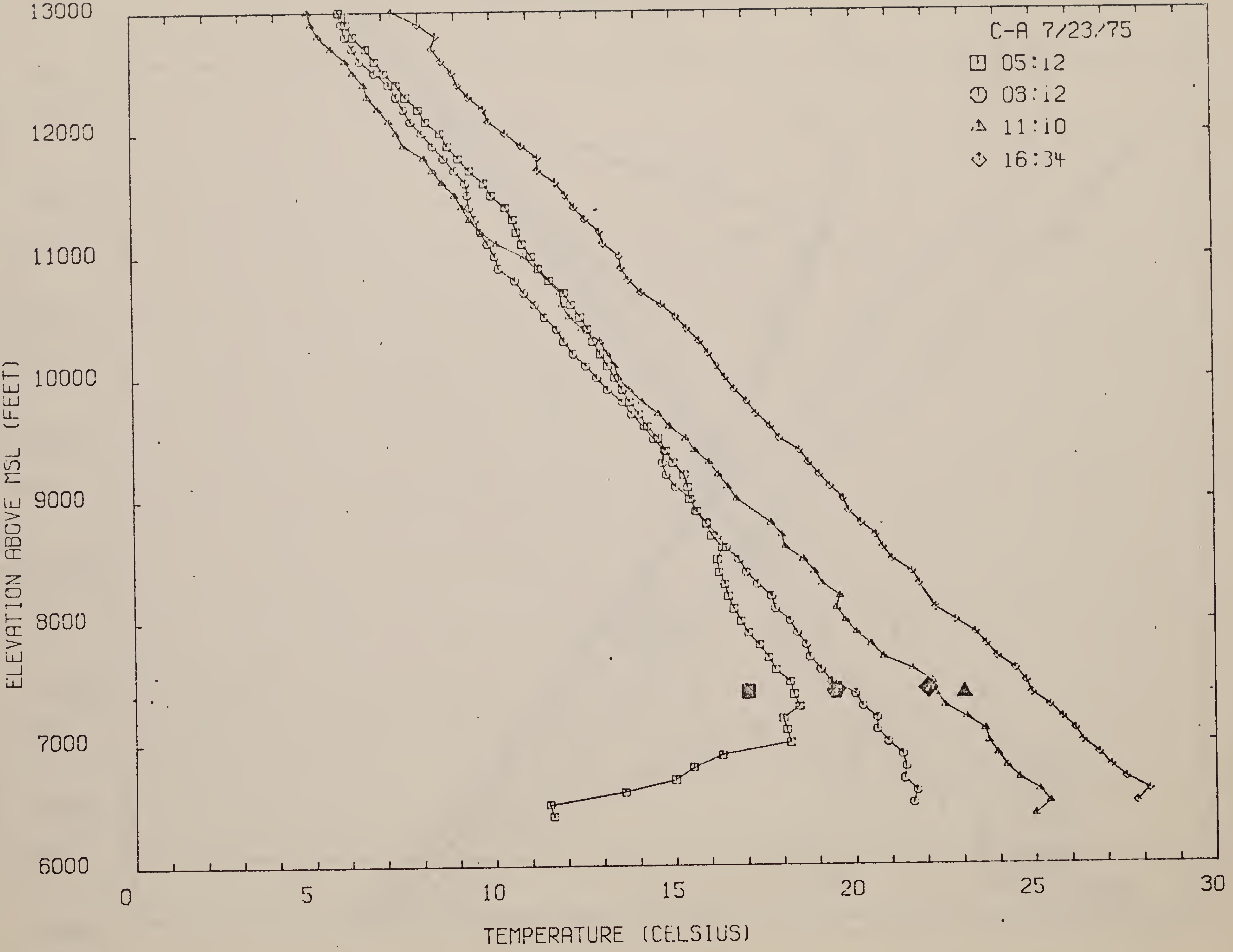

C-A 7/20/75
□ 05:12
○ 08:05
△ 11:02
◇ 17:06
13000
12000
11000
10000
9000
8000
7000
6000
ELEVATION ABOVE MSL (FEET)
0
5
10
15
20
25
30
TEMPERATURE (CELSIUS)


C-A 7/21/75
□ 05:04
○ 08:10
△ 11:23
◇ 17:07
ELEVATION ABOVE MSL (FEET)
13000
12000
11000
10000
9000
8000
7000
6000
TEMPERATURE (CELSIUS)
0
5
10
15
20
25
30

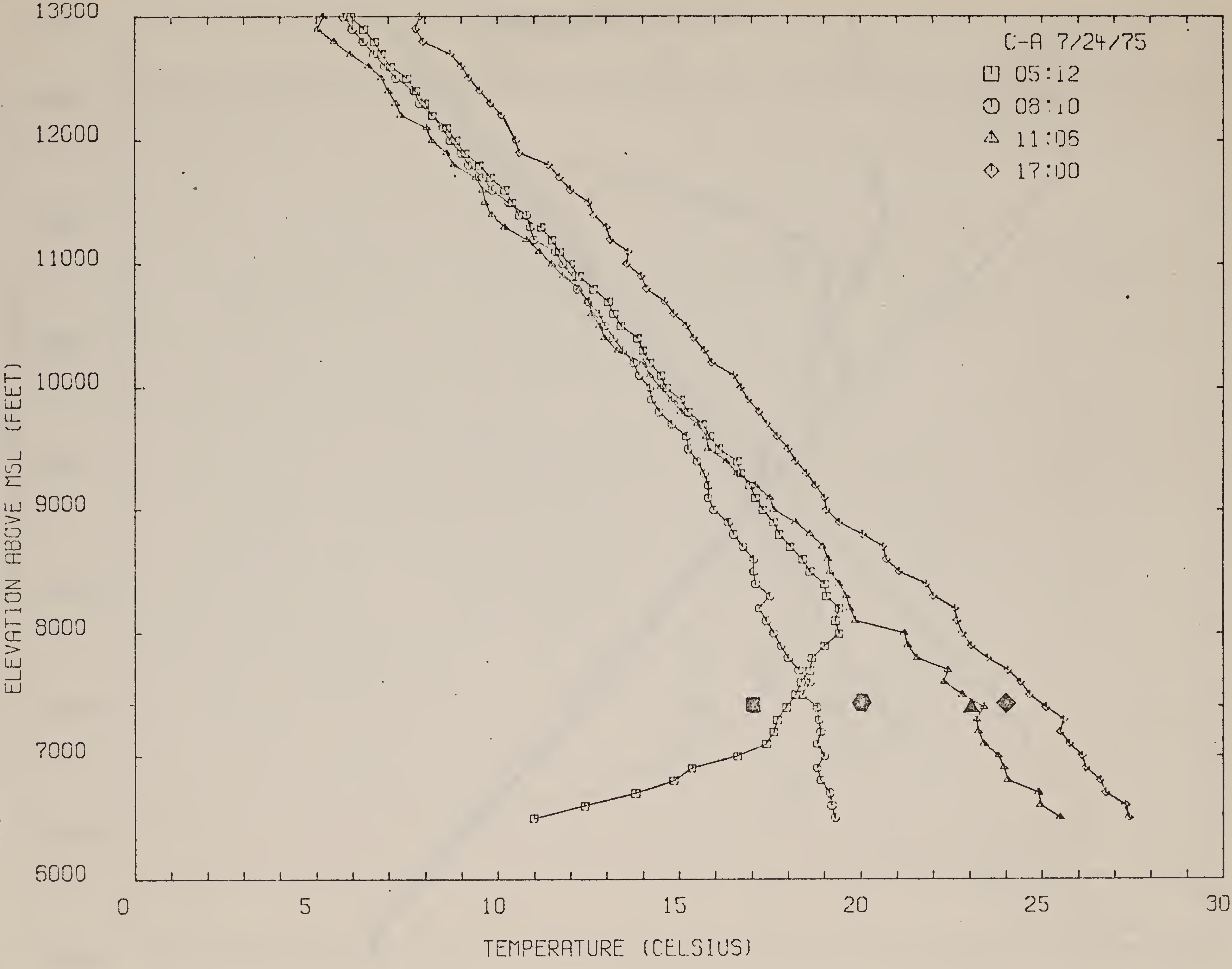
RBOSP


C-A 7/22/75
□ 05:06
○ 07:57
△ 11:13
◇ 15:45
13000
12000
11000
10000
9000
8000
7000
6000
ELEVATION ABOVE MSL (FEET)
0
5
10
15
20
25
30
TEMPERATURE (CELSIUS)

RBOSP

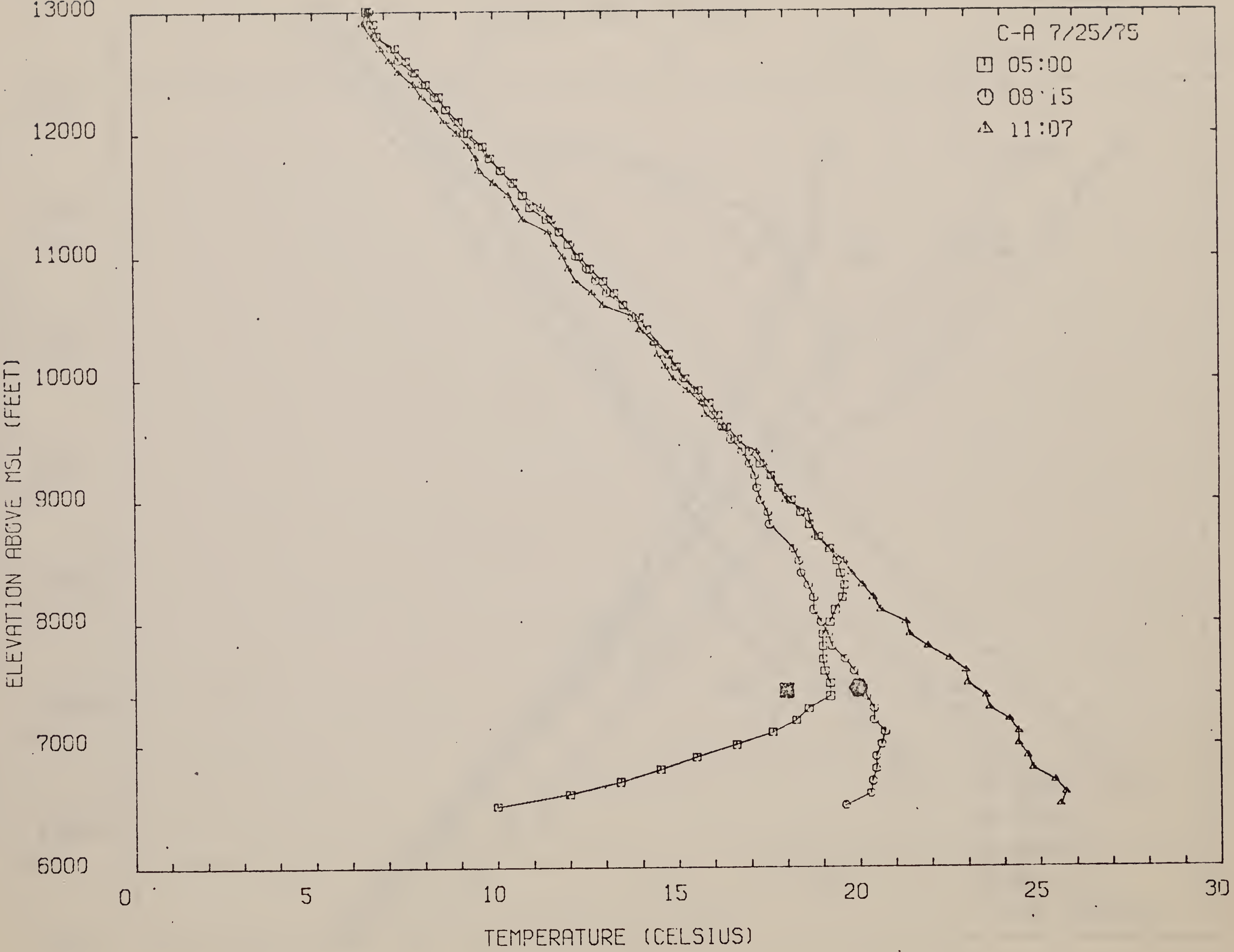

C-A 7/23/75
□ 05:12
⊙ 03:12
△ 11:10
◇ 16:34
ELEVATION ABOVE MSL (FEET)
13000
12000
11000
10000
9000
8000
7000
6000
0
5
10
15
20
25
30
TEMPERATURE (CELSIUS)

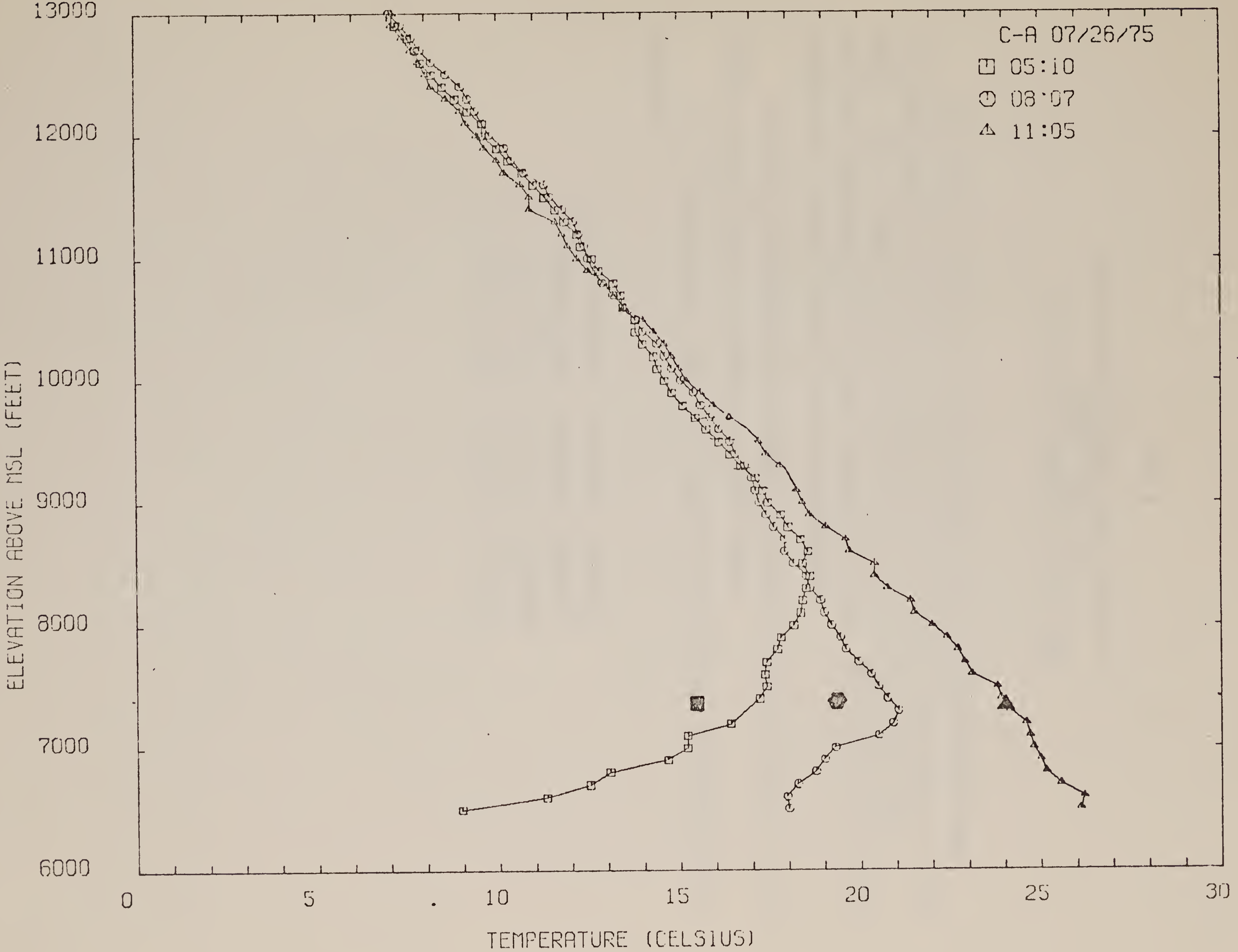
RBOSP


C-A 7/24/75
☐ 05:12
○ 08:10
△ 11:06
◇ 17:00
ELEVATION ABOVE MSL (FEET)
13000
12000
11000
10000
9000
8000
7000
6000
0
5
10
15
20
25
30
TEMPERATURE (CELSIUS)

B.6.2-14

RBOSP


C-A 7/25/75
□ 05:00
○ 08:15
△ 11:07
13000
12000
11000
10000
9000
8000
7000
6000
ELEVATION ABOVE MSL (FEET)
0
5
10
15
20
25
30
TEMPERATURE (CELSIUS)


C-A 07/26/75
□ 05:10
○ 08:07
△ 11:05
ELEVATION ABOVE MSL (FEET)
13000
12000
11000
10000
9000
8000
7000
6000
TEMPERATURE (CELSIUS)
0
5
10
15
20
25
30

RBOSP

B.6.3

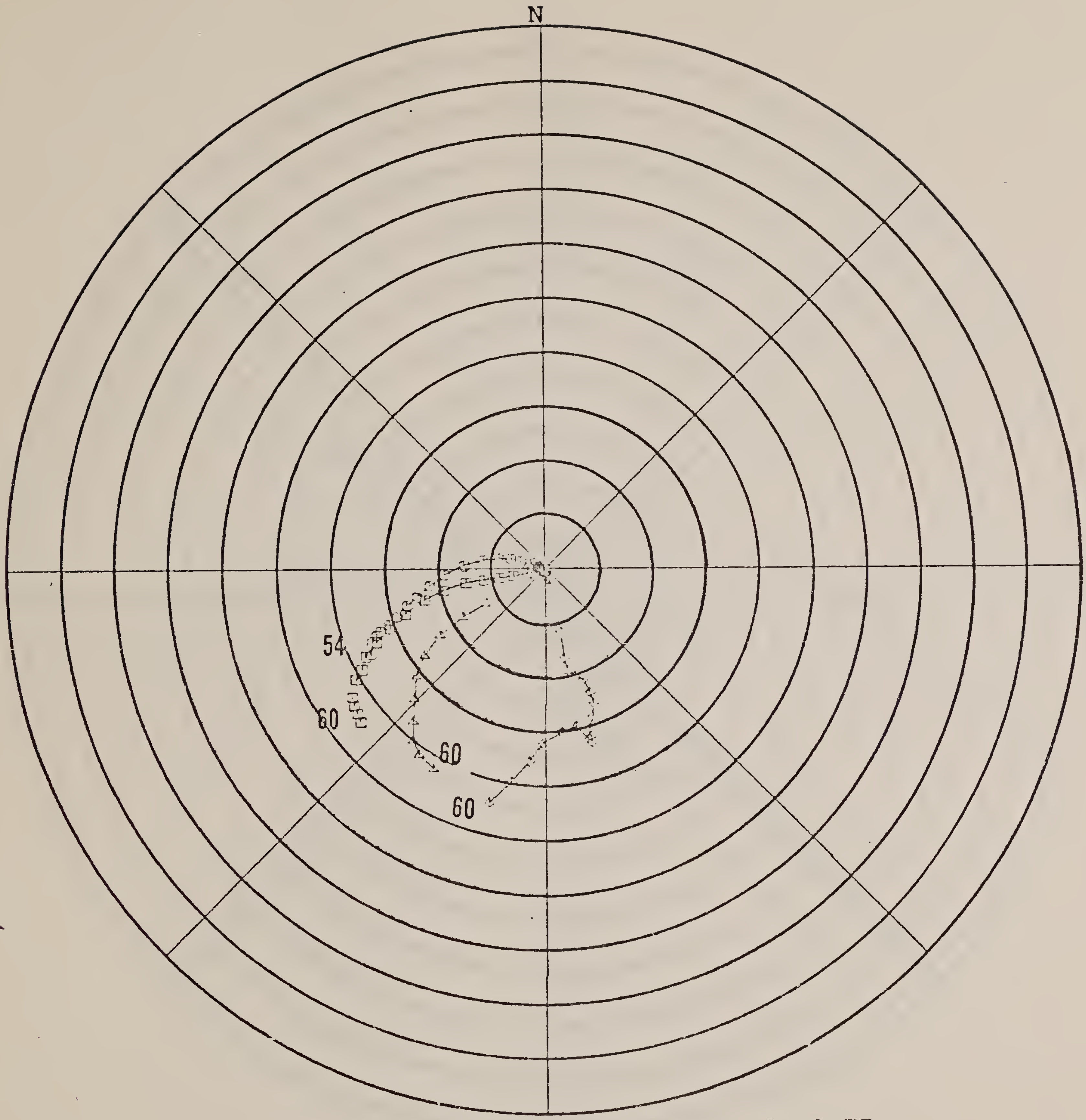
PILOT BALLOON SOUNDINGS OVER FEDERAL OIL SHALE TRACT C-a
12 JULY 1975 THROUGH 26 JULY 1975

The numbers next to the points represent the calculated height above the release point in hundreds of feet of the balloon above the surface at that point. Other heights can be determined given that each continuous point is vertically displaced 300 feet from the nearest points. Where data were missing, no point was plotted, but the line was interrupted.

Horizontal distances are indicated by circular chart divisions. The horizontal distance scale is referenced in the legend.

The following point symbols are used for all soundings presented in this appendix:

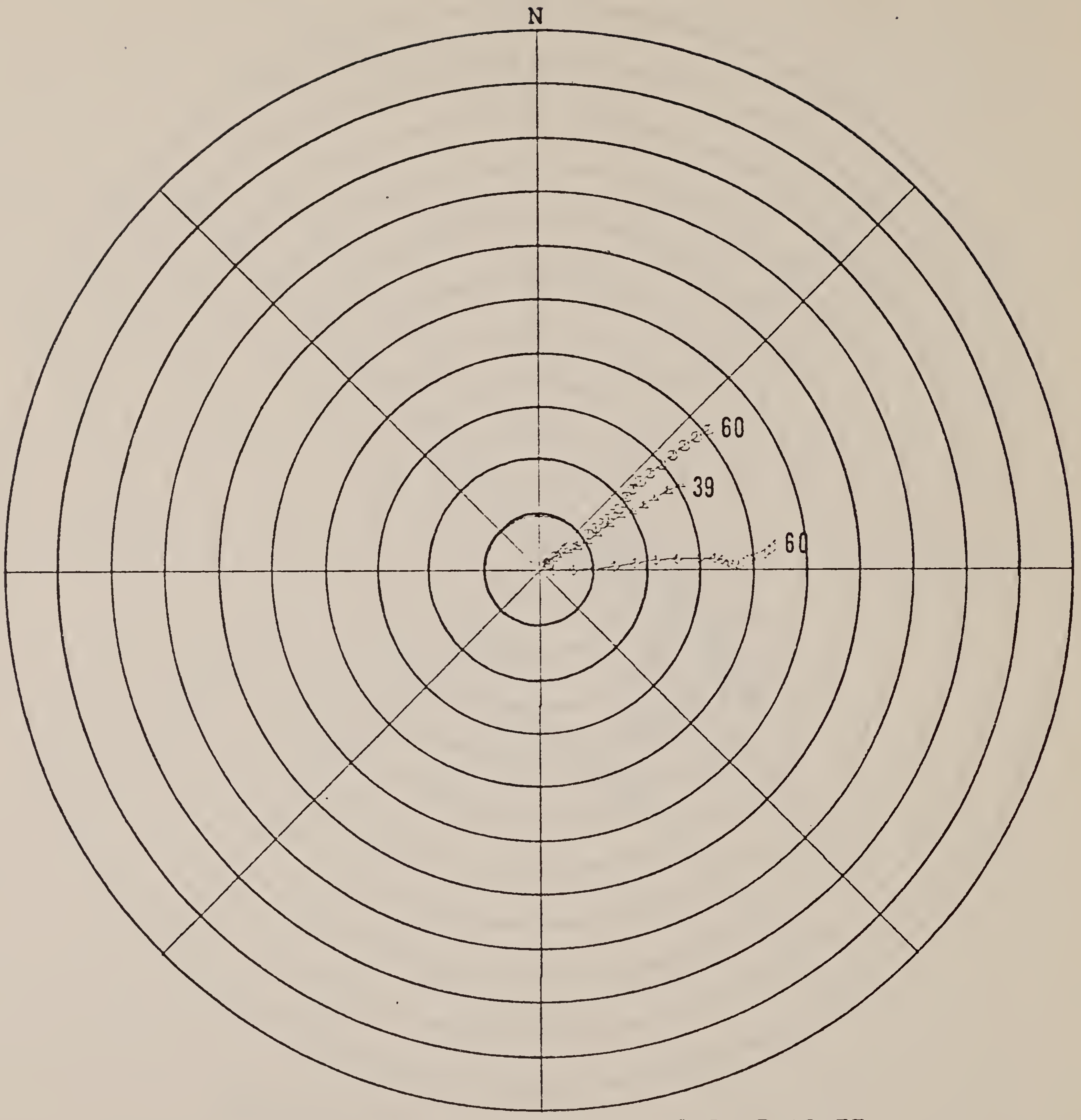
□ Flight Number 1 nominally 0500 MST
⬡ Flight Number 2 nominally 0800 MST
△ Flight Number 3 nominally 1100 MST
◇ Flight Number 4 nominally 1700 MST



C-A 7/12/75

□	06:10	2000 FEET/DIVISION
○	08:07	2000 FEET/DIVISION
△	10:58	500 FEET/DIVISION
◇	16:46	500 FEET/DIVISION

RBOSP



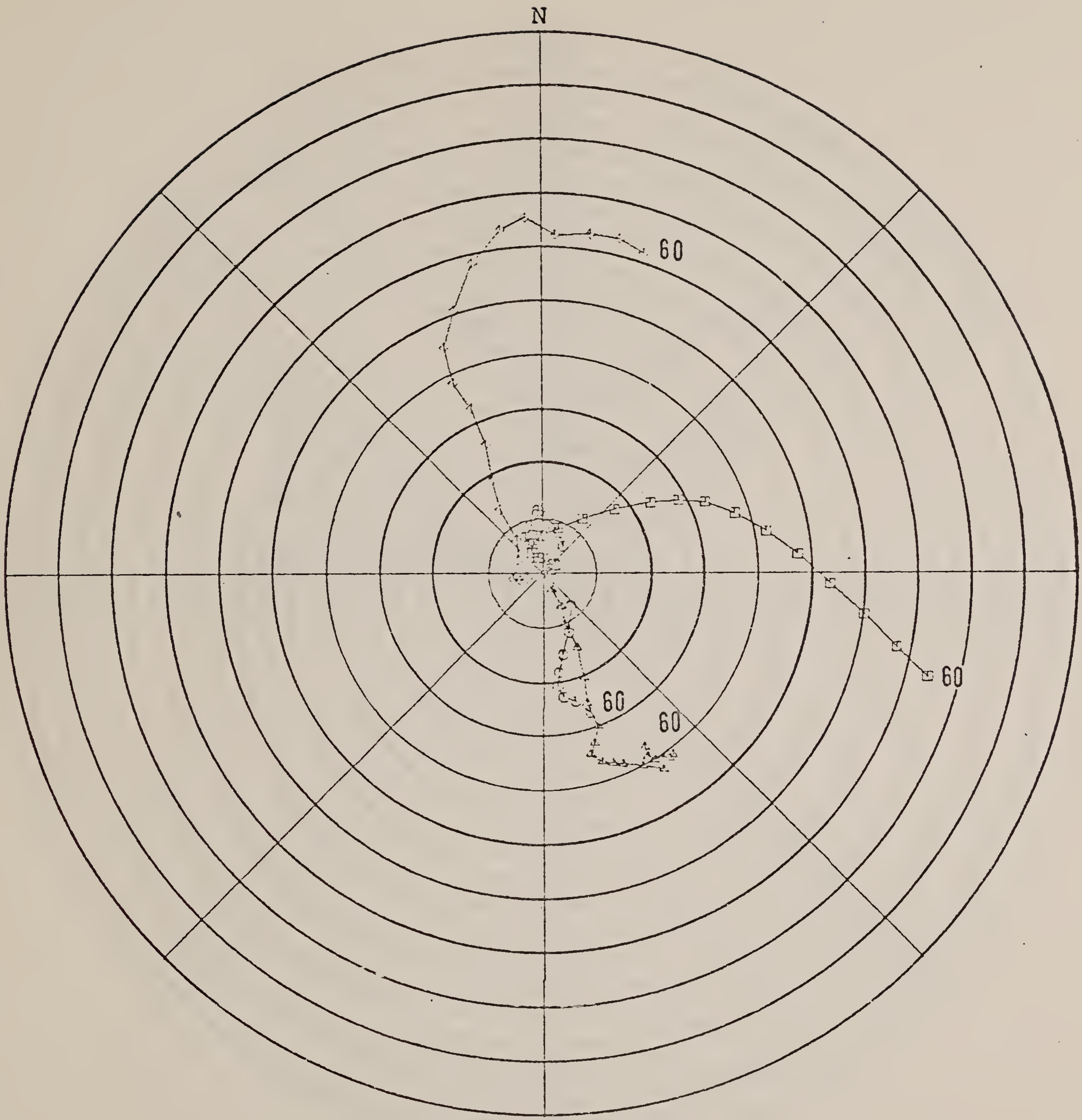
C-A 7/13/75

⦶ 09:00 2000 FEET/DIVISION

△ 10:58 2000 FEET/DIVISION

◇ 16:54 2000 FEET/DIVISION

RBOSP



C-A 7/14/75

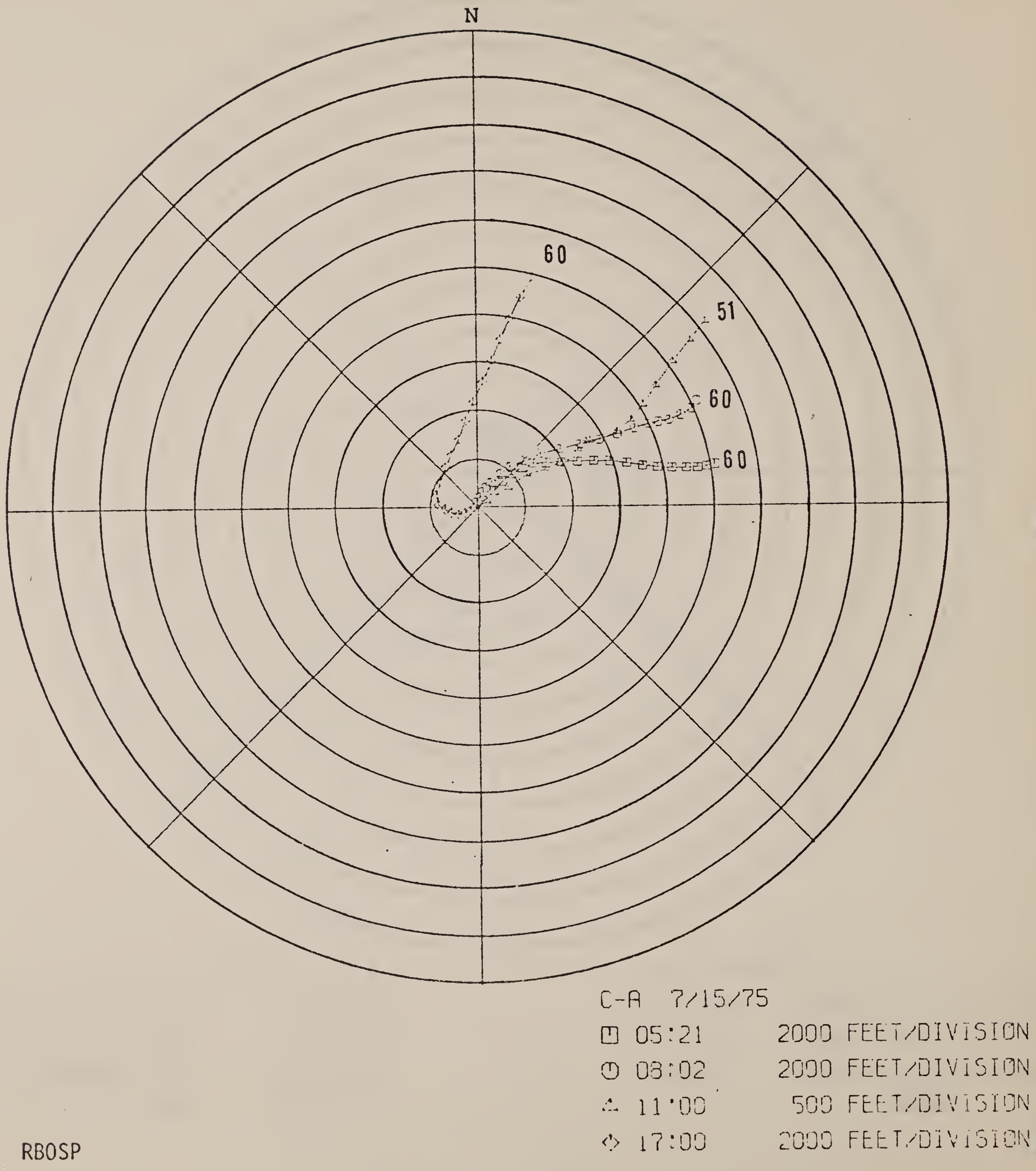
□ 05:00 500 FEET/DIVISION

⊙ 09:00 500 FEET/DIVISION

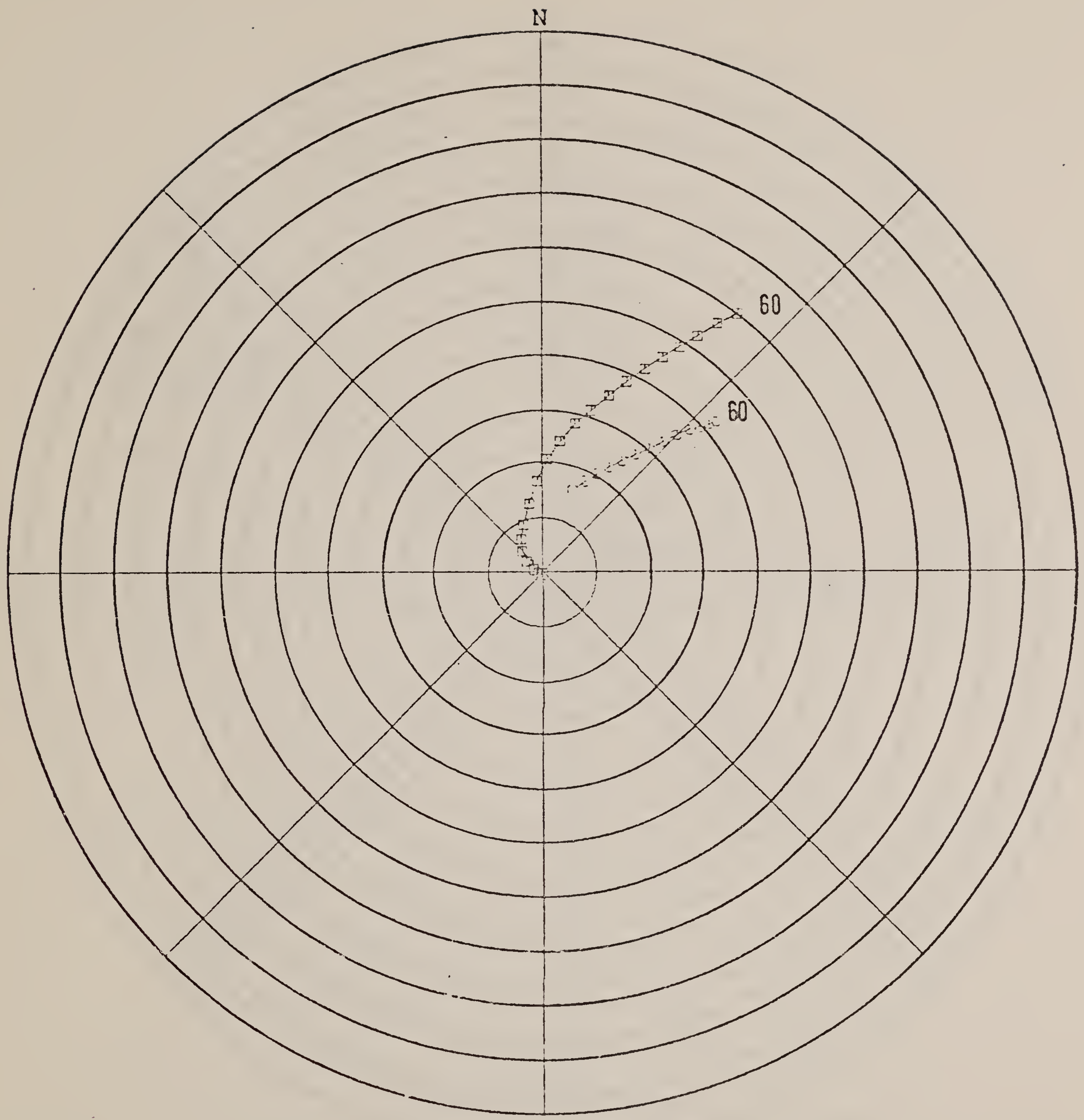
△ 10:39 500 FEET/DIVISION

◇ 17:00 500 FEET/DIVISION

RBOSP


N
60
51
60
60
C-A 7/15/75
□ 05:21 2000 FEET/DIVISION
○ 08:02 2000 FEET/DIVISION
△ 11:00 500 FEET/DIVISION
◇ 17:00 2000 FEET/DIVISION

RBOSP

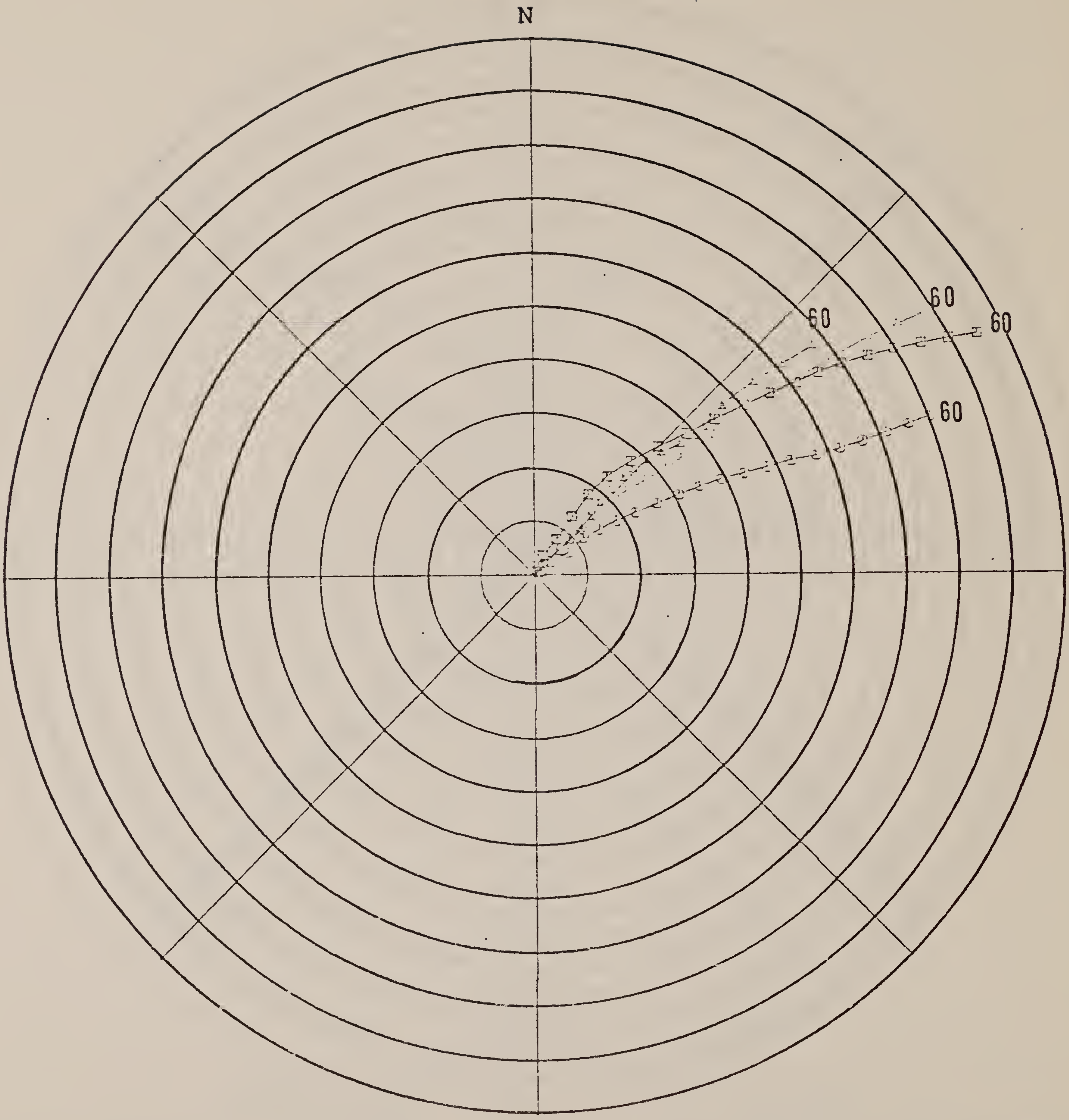


C-A 7/16/75

☐ 05:00 2000 FEET/DIVISION

⦶ 03:00 2000 FEET/DIVISION

RBOSP



C-A 7/17/75

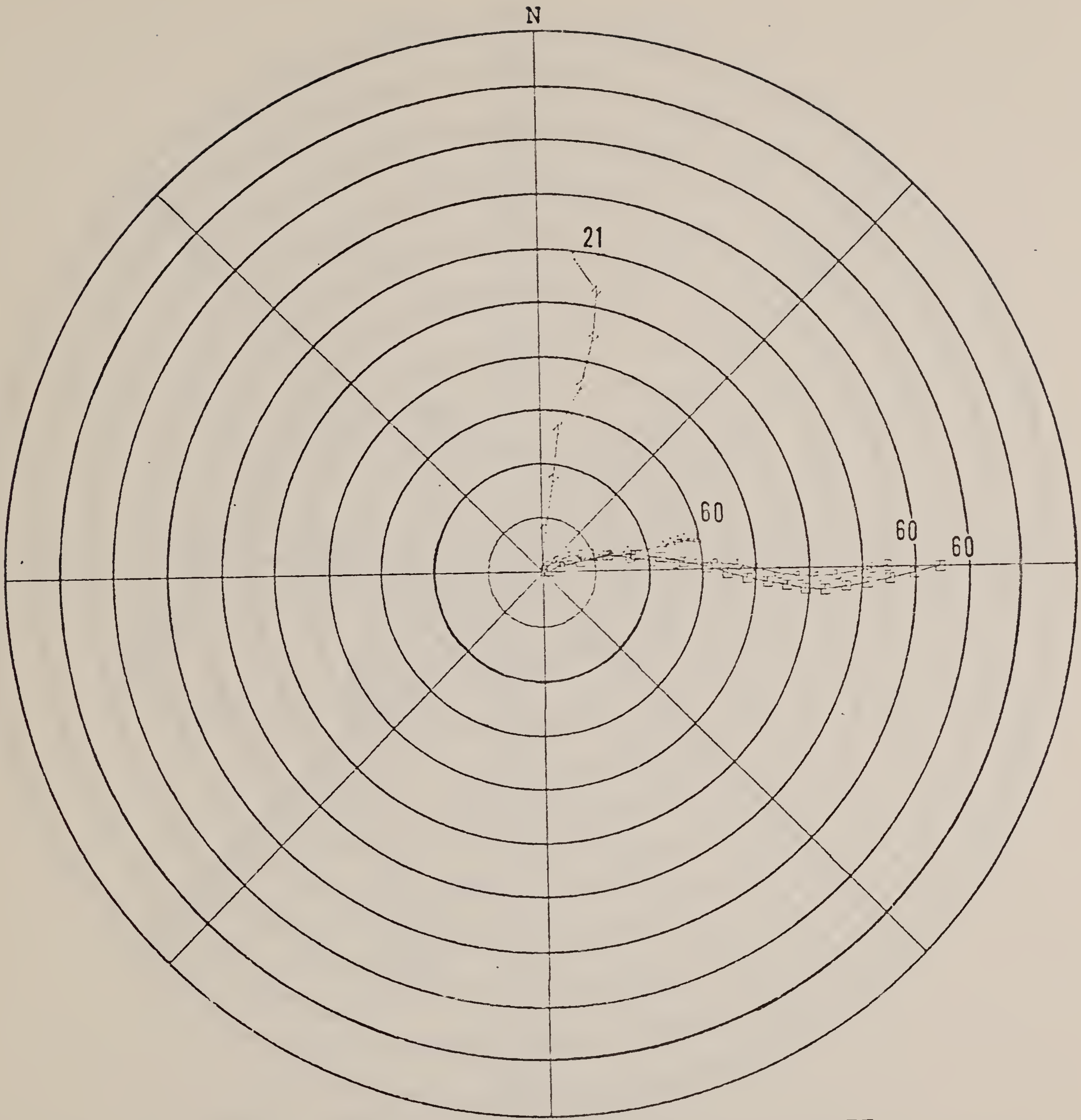
□ 05:13 2000 FEET/DIVISION

○ 08:00 2000 FEET/DIVISION

△ 11:00 2000 FEET/DIVISION

◇ 17:00 2000 FEET/DIVISION

RBOSP



C-A 7/18/75

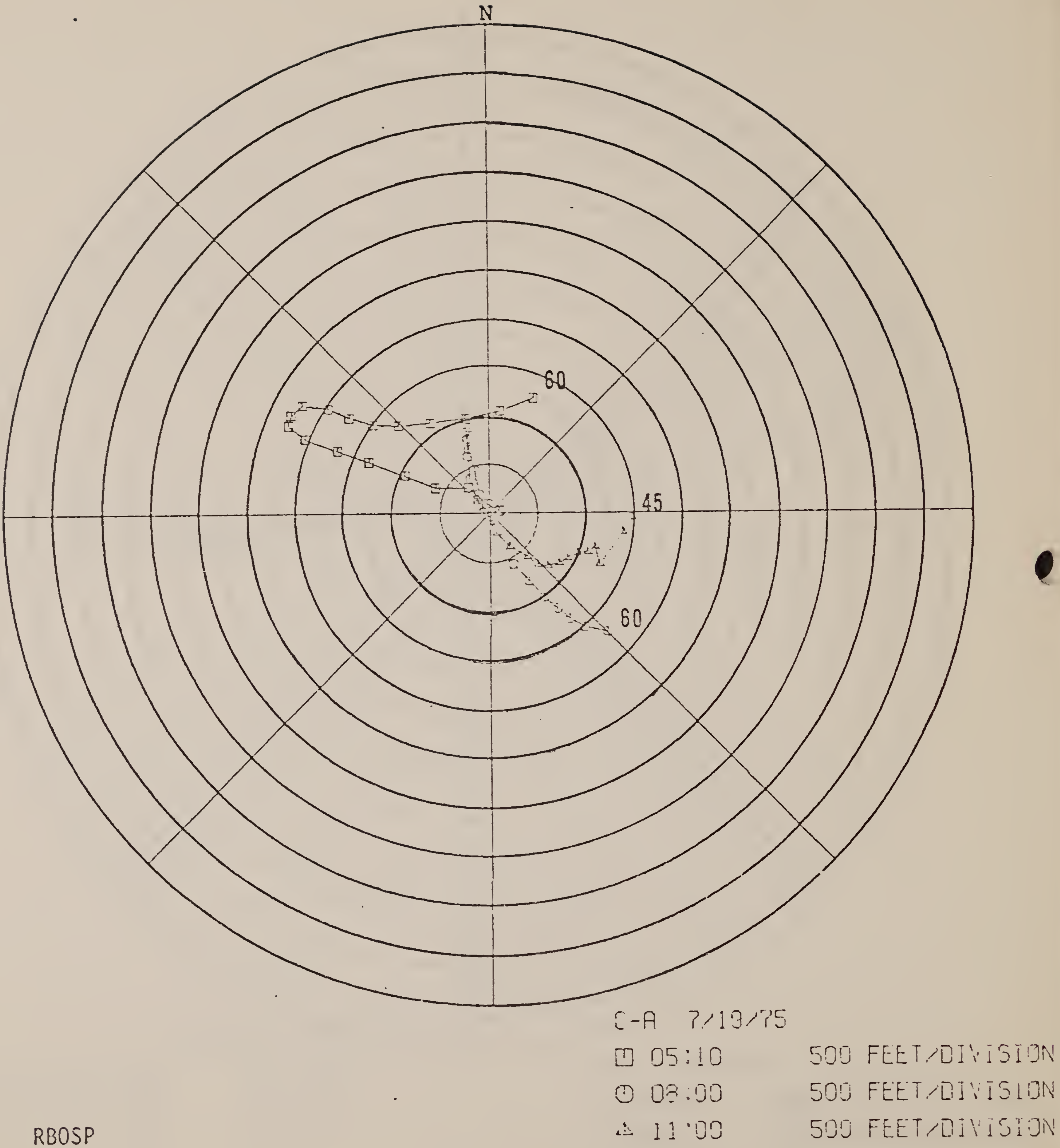
□ 05:00 2000 FEET/DIVISION

⏀ 08 05 2000 FEET/DIVISION

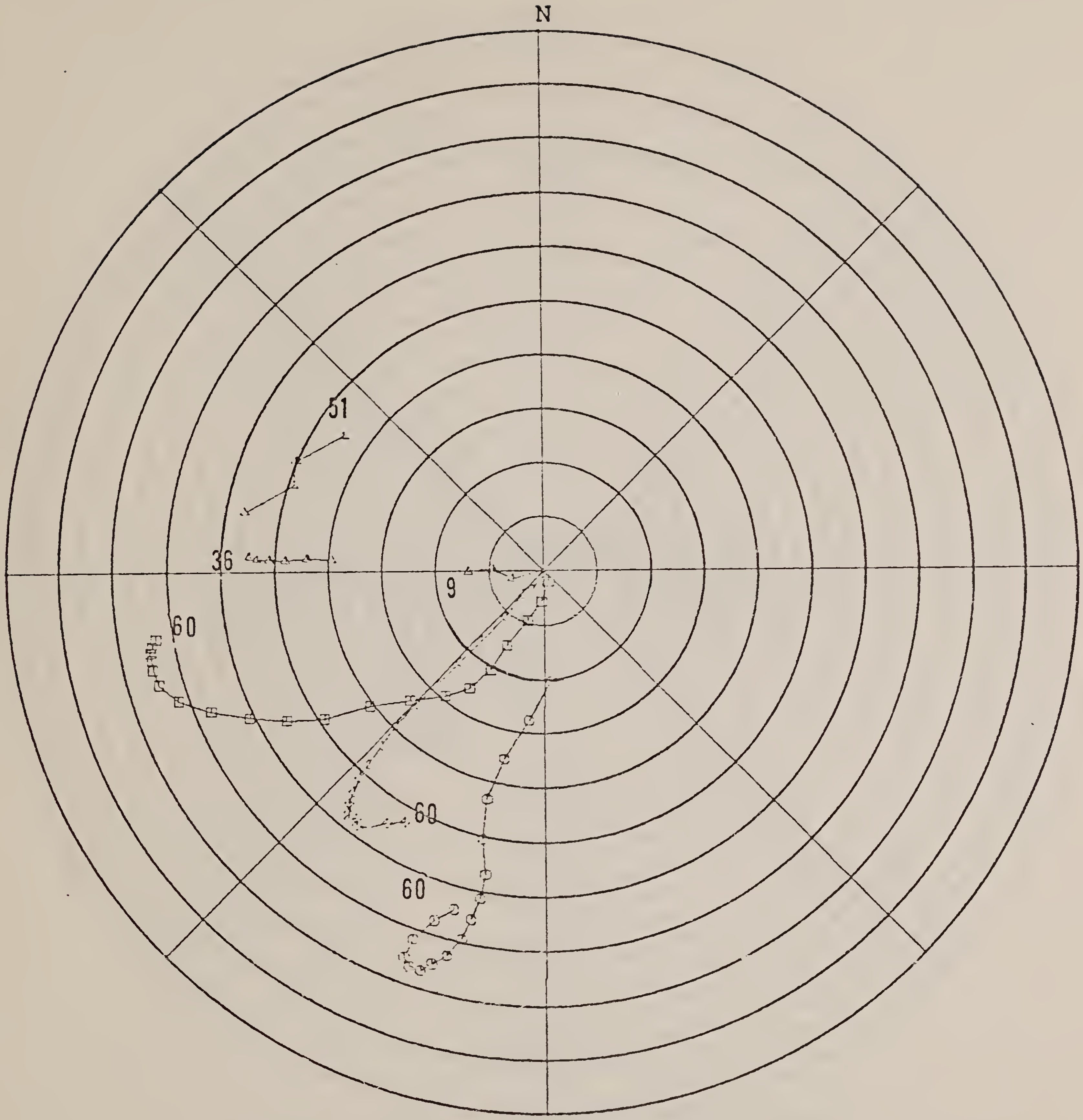
⊥ 10:45 2000 FEET/DIVISION

◇ 17:03 500 FEET/DIVISION

RBOSP


N
60
45
60
C-A 7/19/75
□ 05:10 500 FEET/DIVISION
○ 08:00 500 FEET/DIVISION
△ 11:00 500 FEET/DIVISION

RBOSP



C-A 7/20/75

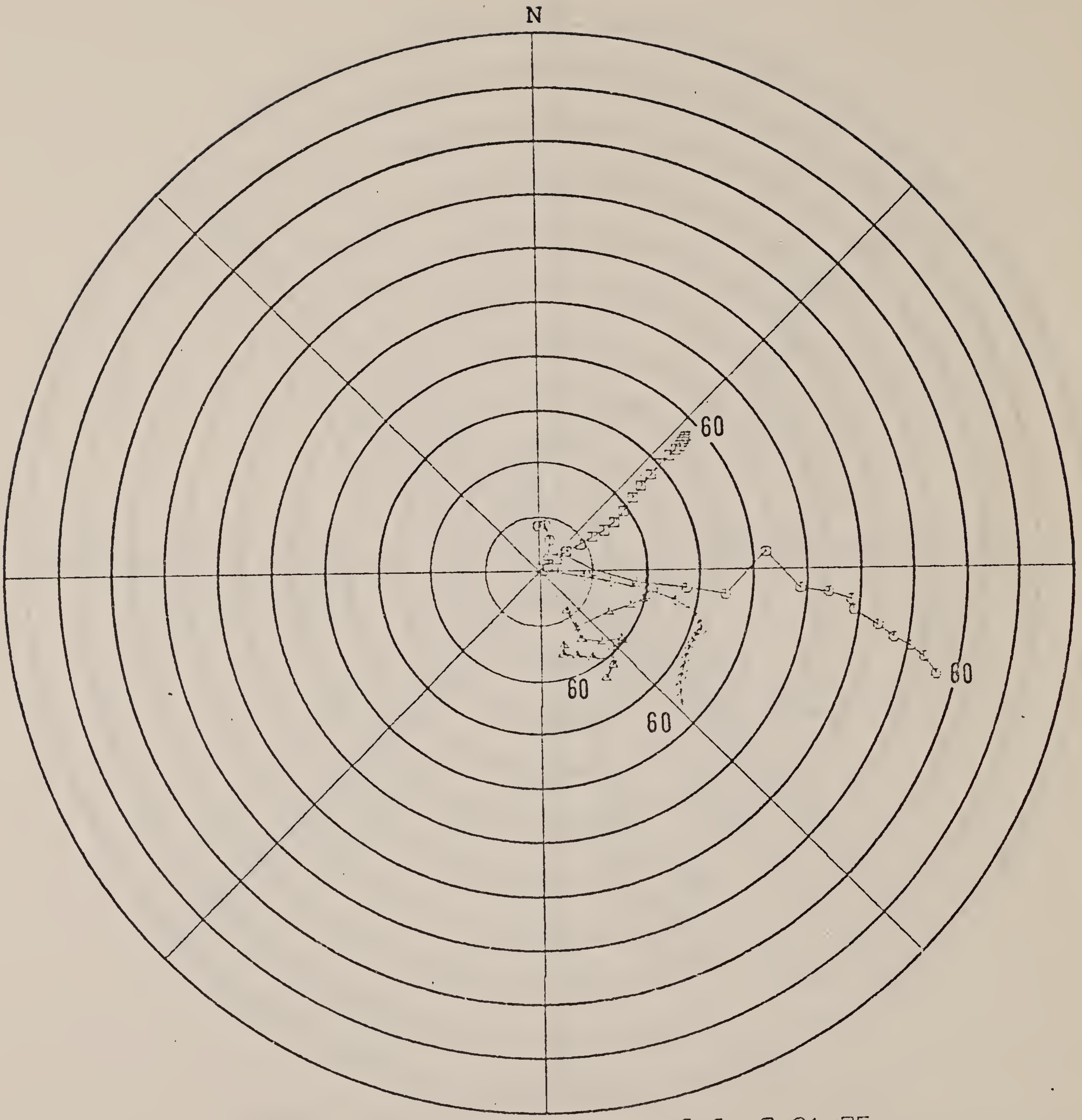
☐ 05:11 500 FEET/DIVISION

○ 08:00 500 FEET/DIVISION

△ 11:00 500 FEET/DIVISION

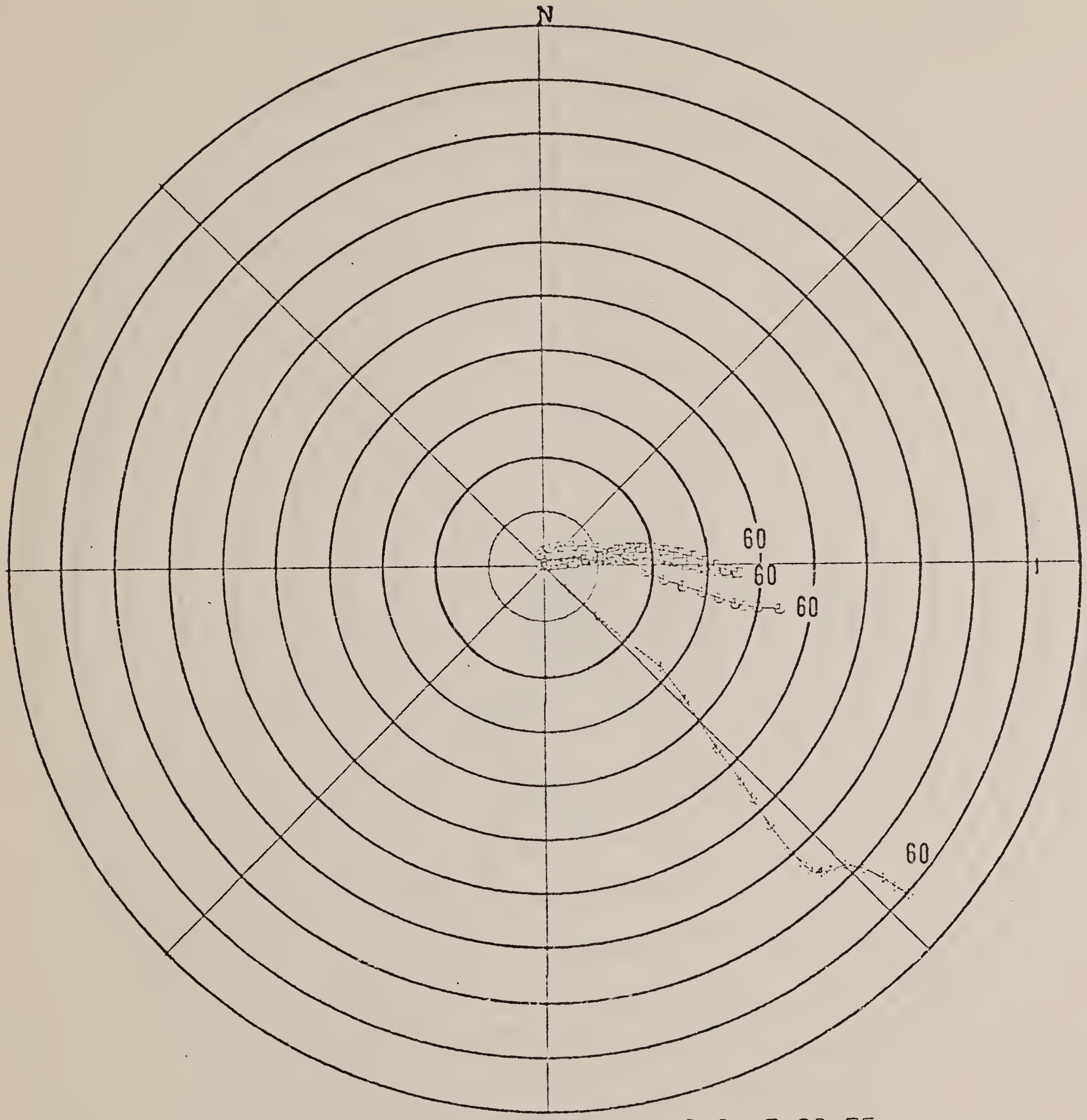
◇ 17:25 2000 FEET/DIVISION

RBOSP



C-A 7/21/75
□ 05:15 2000 FEET/DIVISION
○ 08:55 500 FEET/DIVISION
△ 10:55 500 FEET/DIVISION
◇ 17:58 2000 FEET/DIVISION

RBOSP



C-A 7/22/75

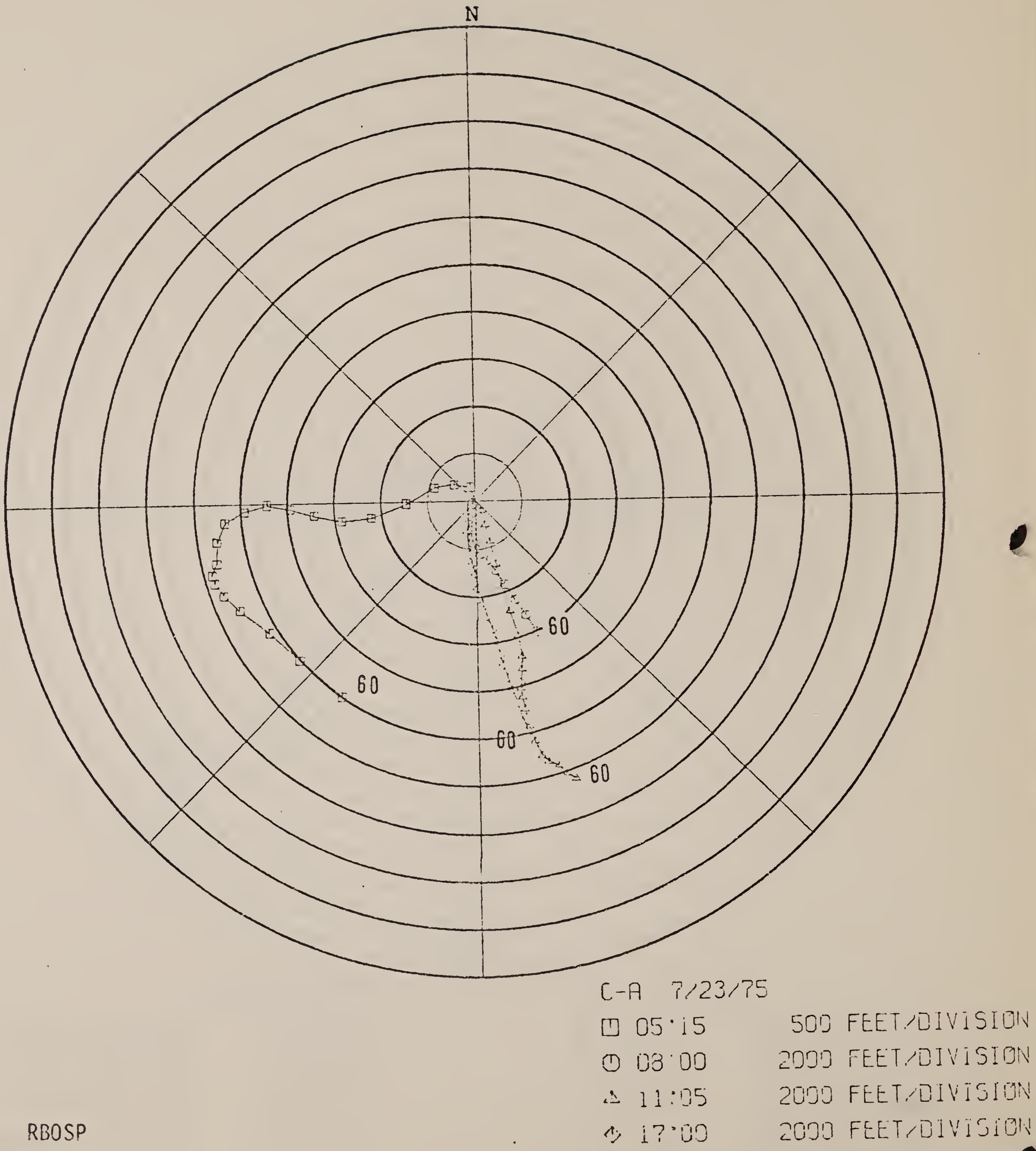
□ 04:58 2000 FEET/DIVISION

○ 09:00 2000 FEET/DIVISION

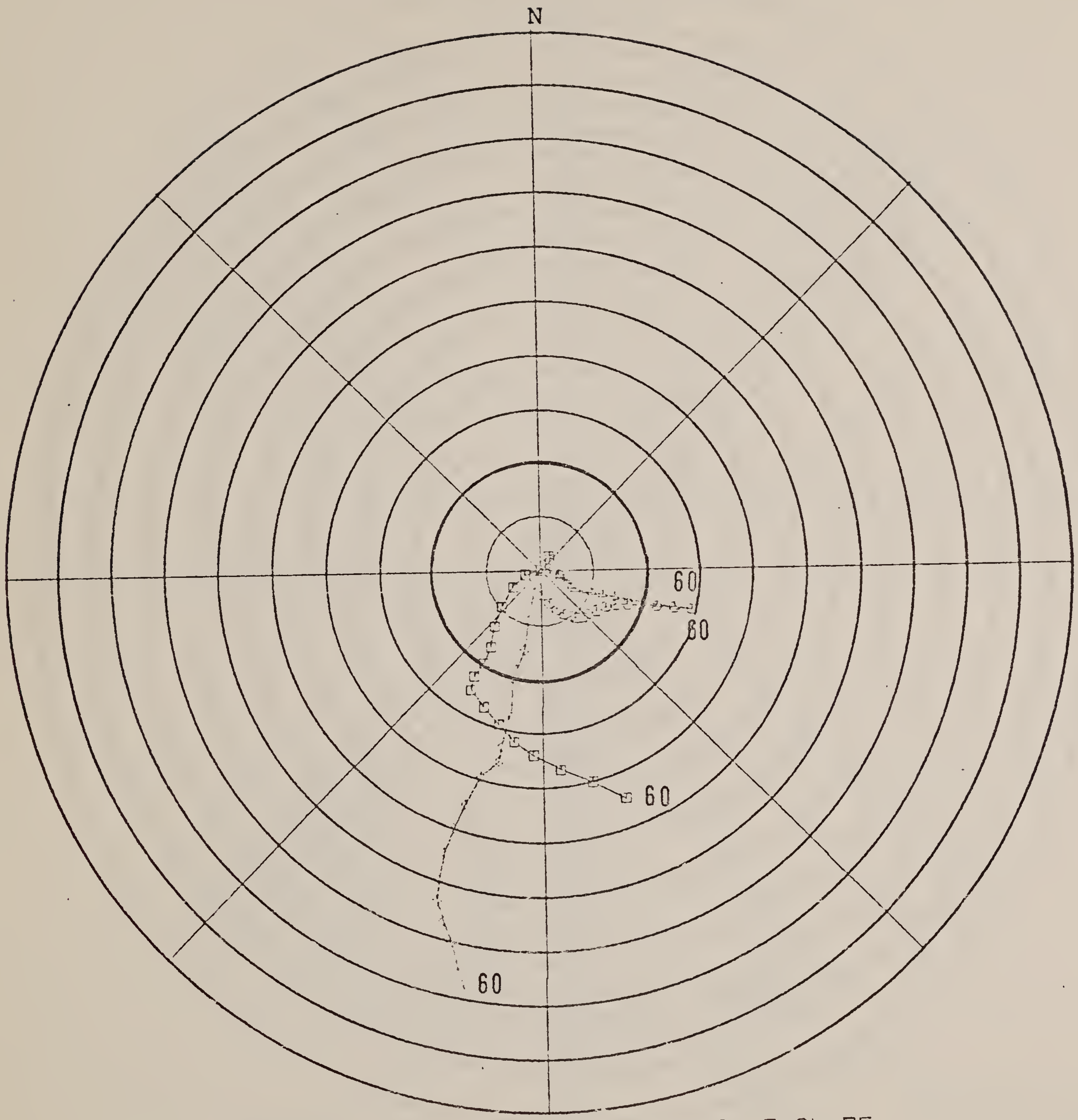
△ 11:00 2000 FEET/DIVISION

◇ 17:00 500 FEET/DIVISION

RBOSP


N
60
60
60
60
C-A 7/23/75
□ 05:15 500 FEET/DIVISION
○ 08:00 2000 FEET/DIVISION
△ 11:05 2000 FEET/DIVISION
◇ 17:00 2000 FEET/DIVISION

RBOSP



C-A 7/24/75

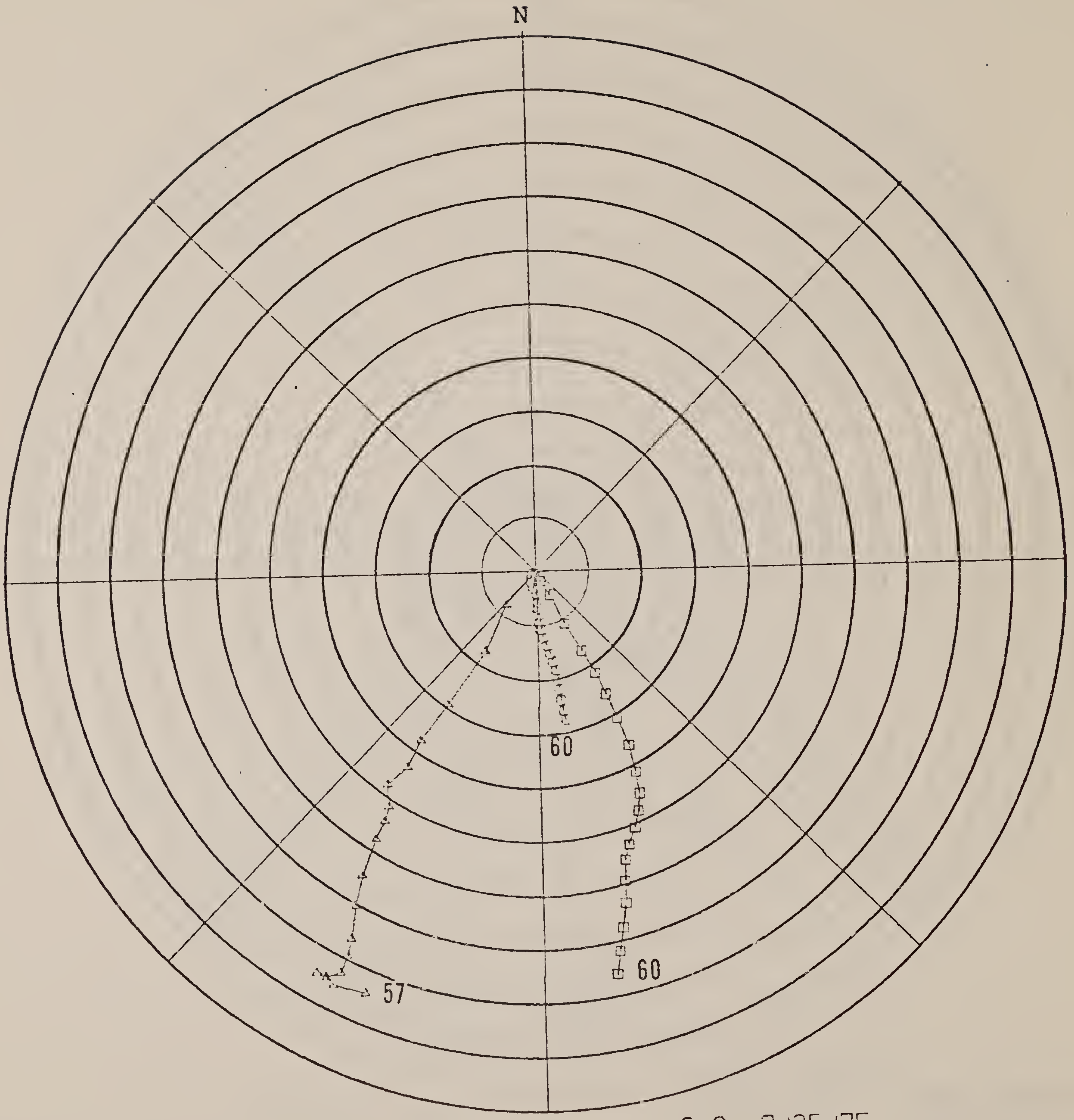
□ 05:00 500 FEET/DIVISION

○ 08:00 2000 FEET/DIVISION

△ 11:00 2000 FEET/DIVISION

◇ 17:00 500 FEET/DIVISION

RBOSP



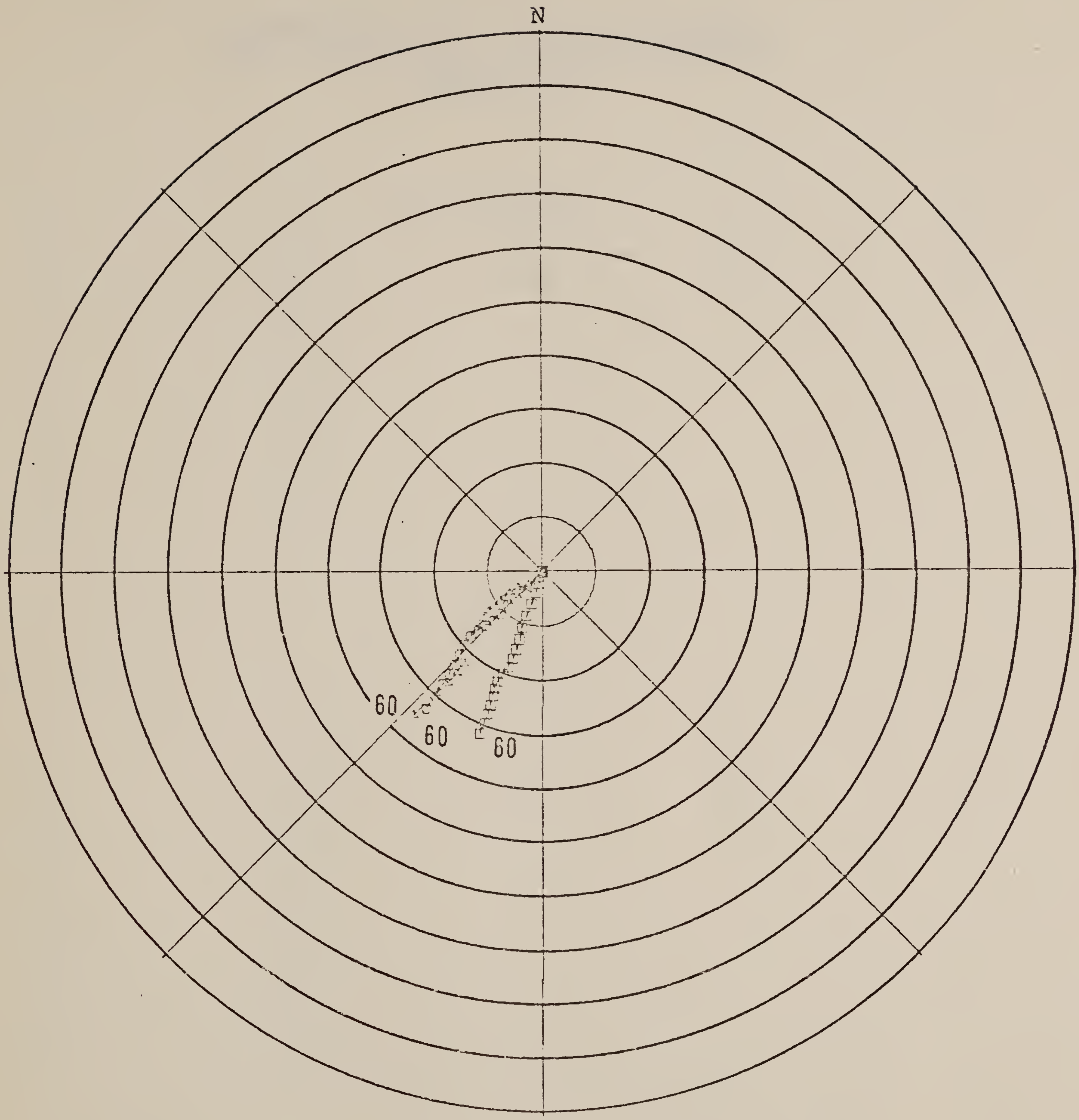
C-A 7/25/75

⊡ 05:00 500 FEET/DIVISION

⊙ 03:00 2000 FEET/DIVISION

△ 11:00 500 FEET/DIVISION

RBOSP



C-A 7/26/75

□ 05:12 2000 FEET/DIVISION

○ 08:00 2000 FEET/DIVISION

△ 11:00 2000 FEET/DIVISION

RBOSP

SECTION B.7

METEOROLOGICAL DATA RECOVERY PERCENTAGE FOR ALL CONTINUOUSLY MONITORED PARAMETERS SUMMER 1975

B.7-1 to B.7-2

SECTION B.7

METEOROLOGICAL DATA RECOVERY PERCENTAGES FOR ALL CONTINUOUSLY MONITORED PARAMETERS FOR THE RBOSP

JUNE 1975

Parameters	Site 1	Site 2	Site 3	Site 4
WS10	98.19	97.22	99.03	99.17
WDR10	98.19	96.94	98.89	99.17
AT10	98.06	98.61	99.03	96.94
PREC	99.44	99.86	99.03	98.61
RH10	95.28			
SG10	98.19			
WS30	98.06			
WDR30	98.06			
AT30	98.19			
WS60	98.06			
WDR60	97.50			
DT60	97.08			
SI	76.25			

JULY 1975

Parameters	Site 1	Site 2	Site 3	Site 4
WS10	98.25	98.39	99.19	99.60
WDR10	98.25	98.39	99.19	99.33
AT10	98.25	98.39	99.19	99.60
PREC	99.46	99.87	99.19	99.06
RH10	98.25			
SG10	98.25			
WS30	98.25			
WDR30	98.25			
AT30	98.25			
WS60	98.25			
WDR60	98.12			
DT60	97.85			
SI	79.57			

AUGUST 1975

Parameters	Site 1	Site 2	Site 3	Site 4
WS10	95.30	98.66	98.52	97.98
WDR10	95.30	98.66	98.52	97.18
AT10	98.66	85.75	89.78	87.77
PREC	99.46	99.19	98.25	98.12
RH10	98.25			
SG10	95.30			
WS30	98.66			
WDR30	98.66			
AT30	97.45			
WS60	98.66			
WDR60	98.66			
DT60	98.25			
SI	62.10			

NOTE: Percentage values are not adjusted for calibration or Force Majeure outages. Values represent the percent of time continuously monitored parameters were measured.

WS10	Wind Speed at the 10-m level (mph)
WDR10	Wind Direction at the 10-m level (degrees)
AT10	Air Temperature at the 10-m level (degrees Celsius)
RH10	Relative Humidity at the 10-m level (percent)
SG10	Standard Deviation of the Wind Direction (wind sigma) at the 10-m level (degrees)
WS30	Wind Speed at the 30-m level (mph)
WD30	Wind Direction at the 30-m level (degrees)
AT30	Air Temperature at the 30-m level (degrees Celsius)
WS60	Wind Speed at the 60-m level (mph)
WDR60	Wind Direction at the 60-m level (degrees)
DT60	Temperature Difference (ΔT) between 10-m and 60-m level (degrees Celsius)
PREC	Precipitation at ground level (inches of H_2O)
SI	Solar Radiation at ground level (Langley)